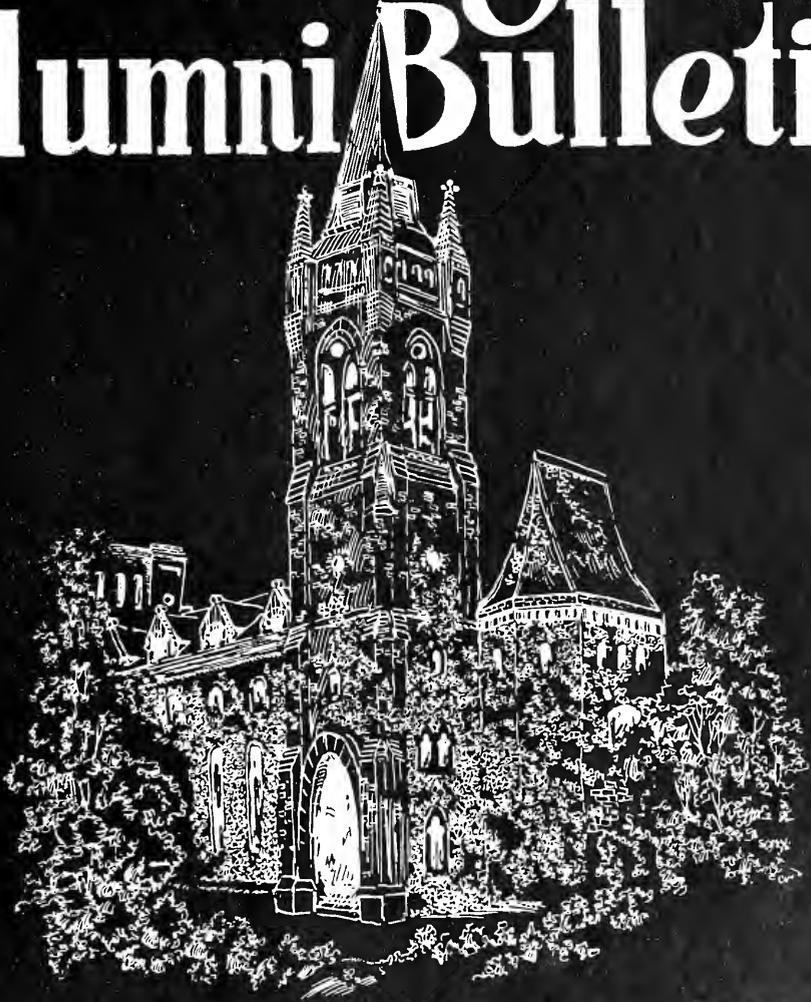
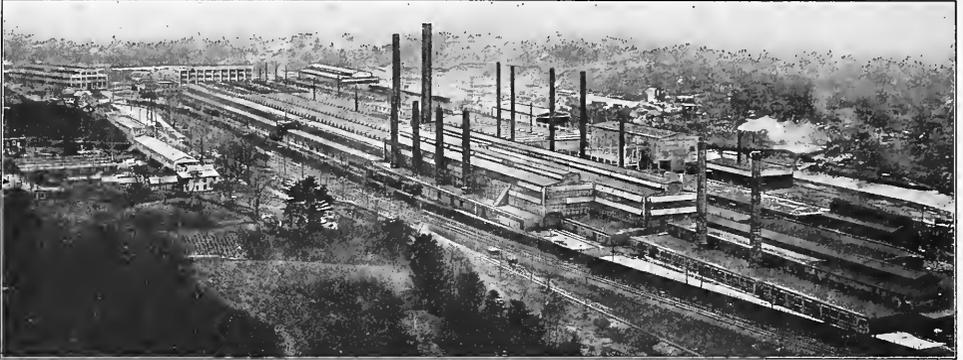


Lehigh Alumni Bulletin



June



PLANT OF CHASE COMPANIES, INC., WATERBURY, CONN., WHERE GOHEEN PAINTS ARE USED

Paints For Every Industrial Requirement

Iron and Steel Paints
Galvanized Iron Paint
Mill White Paint
Red Lead Paints
Concrete Paints
Wood Paints
Acid-Resisting Paints
Machinery Enamels

... and special paints formulated to meet special conditions.

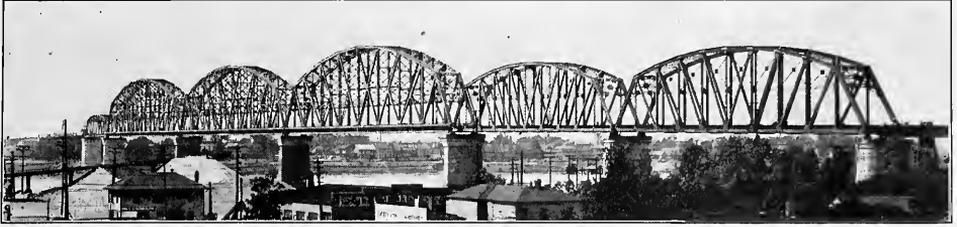
GOHEEN CORPORATION

of New Jersey

PAINT ENGINEERS

Newark, N. J., U. S. A.





BIG FOUR BRIDGE FROM LOUISVILLE, KENTUCKY, TO JEFFERSONVILLE, INDIANA, OVER OHIO RIVER

McClintic-Marshall Company

Manufacturers and Erectors of

STEEL BRIDGES, BUILDINGS

AND

OTHER STEEL STRUCTURES

GENERAL OFFICES

OLIVER BUILDING, PITTSBURGH, PA.

BRANCH OFFICES:

NEW YORK
PHILADELPHIA
CHICAGO

BALTIMORE
BOSTON
BUFFALO

CLEVELAND
CINCINNATI
DETROIT

ST. LOUIS
SAN FRANCISCO
LOS ANGELES

CHARLOTTE

WORKS :

PITTSBURGH
POTTSTOWN

CHICAGO
BUFFALO

LOS ANGELES
SAN FRANCISCO

C. D. MARSHALL, '88, President

H. H. McCLINTIC, '88, Vice President

R. W. KNIGHT, '94
G. R. ENSCOE, '96
C. M. DENISE, '98
T. L. CANNON, '03
E. F. GOHL, '07
F. U. KENNEDY, '07
R. MAC MINN, '07
L. A. WALKER, '08
G. A. CAFFALL, '10

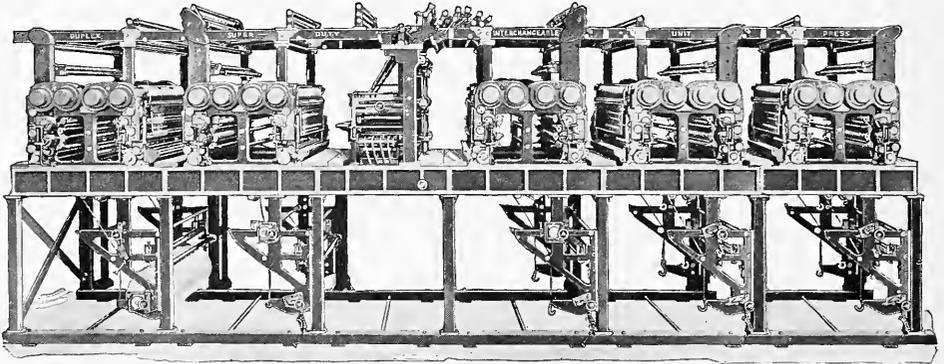
LESLIE ALLEN, '16
W. A. CANNON, '16
J. N. MARSHALL, '20
J. H. WAGNER, '20
G. L. CAISER, '22
C. S. SATTERTHWAIT, '22
J. F. MOYER, '23
I. F. KURTZ, '23
W. R. DRAKE, '24

A. S. HALTEMAN, '26
W. R. STEVENS, '26
R. R. WEAVER, '26
V. I. VARGA, '27
C. F. CLASS, '28
R. A. CANNING, '28
R. J. ALBRIGHT, '29
G. S. ENSCOE, '29
J. B. REILL, '29

THE DUPLEX SUPER-DUTY UNIT TYPE PRESS (Decuple Capacity)

now installed in the plant of

The Bethlehem (Pa.) Globe-Times



DUPLEX SUPER-DUTY INTERCHANGEABLE UNIT PRESS

A New Standard of Excellence in Metropolitan Press Requirements

*CHOSEN—after a careful investigation
of all presses available—for these reasons:*

OVERSIZE PARTS

EASE OF OPERATION

SIMPLICITY OF DESIGN

SUPERIOR MATERIALS

SPEED

ACCESSIBILITY

ACCURACY OF MACHINE WORK

NO LIGHT STREAKS IN PRINTING

ECONOMY

SAFETY

The Duplex Printing Press Company

Times Bldg.
New York

BATTLE CREEK, MICHIGAN

Marcus M. Farley, '06
Vice-President, Secretary

THE DRAVO CONTRACTING COMPANY

Pittsburgh, Pa.

ENGINEERS CONTRACTORS BUILDERS

STEEL AND CONCRETE CONSTRUCTION

LOCKS AND DAMS - WHARVES AND DOCKS - INDUSTRIAL FOUNDATIONS
BRIDGE PIERS - RETAINING WALLS - PUMP HOUSES - SEA WALLS
INTAKES - SHAFT SINKING - SLOPES - TUNNELS

PNEUMATIC CAISSON SPECIALISTS



DRAVO-DOYLE COMPANY

Cleveland Pittsburgh Philadelphia

STEAM, ELECTRIC AND HYDRAULIC EQUIPMENT, WATER
WORKS INSTALLATIONS, COMPLETE POWER PLANTS

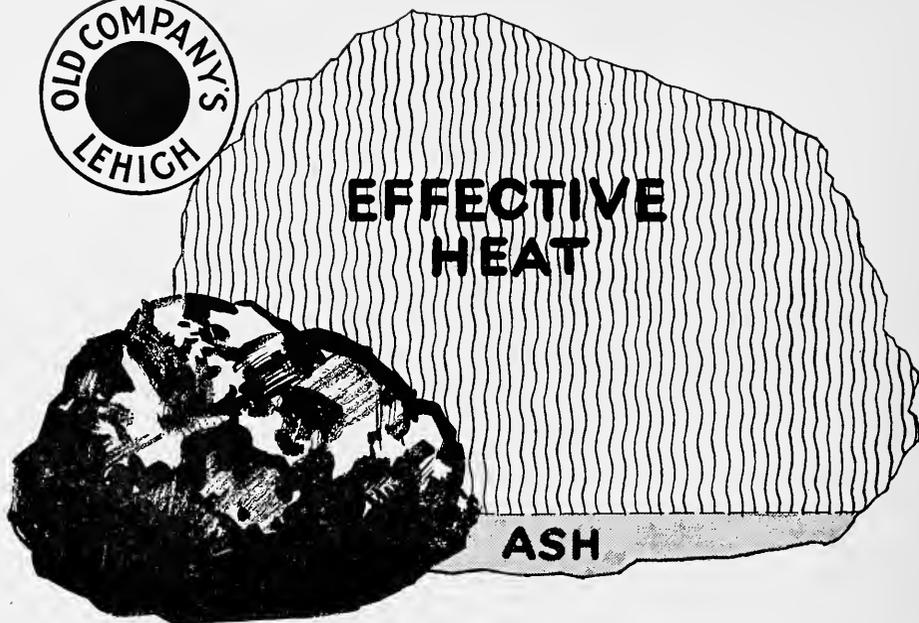
NATIONAL DISTRIBUTORS FOR ENGINEERING EQUIPMENT AND MATERIAL

-- ASSOCIATED WITH THE COMPANIES --

F. R. DRAVO, '87
R. M. DRAVO, '89
S. P. FELIX, '03
J. D. BERG, '05
G. A. SISSON, '05
E. T. GOTT, '06
L. C. ZOLLINGER, '09
V. B. EDWARDS, '12

GEO. F. WOLFE, '14
W. P. BERG, '15
E. H. ZOLLINGER, '18
E. W. ESTES, '20
J. R. FARRINGTON, '22
F. J. LLOYD, JR., '23
B. E. RHOADS, JR., '23
J. A. BISSINGER, JR., '26

H. CHARLES HESS, '26
W. W. ARMSTRONG, '27
R. W. MARVIN, '27
PAUL G. STROHL, '27
J. A. BETTERLY, '28
G. W. FEARNSIDE, '28
E. M. BACHTTELL, '29
G. W. GRANACHER, '29



THE INSIDE STORY

There need be no mystery, nor uncertainty about anthracite coal. Anthracite is subject to chemical analysis and its practical efficiency may readily be determined by the standard British Thermal Unit Test.

Old Company's Lehigh Anthracite is a super-grade coal that shows an unusual purity, density and hardness.

Its fuel value is so high that it gives the domestic user the greatest amount of heat per dollar that his money can buy.

Five generations have used Old Company's Lehigh Anthracite because of its economy, its purity and uniformity, and its property of holding fire under minimum draft during mild weather.

It is a responsive, flexible fuel, meeting all requirements of household heating with signal success for more than a hundred years.

Order it by its full brand name—Old Company's Lehigh Anthracite.

For name of your nearest dealer, look in your classified telephone directory under "Old Company's Lehigh Anthracite."

On the Radio

OLD
COMPANY'S
SINGERS

Every
Friday Eve.
at 9:30 P.M.
WEAF and
Associated
Stations

LEHIGH NAVIGATION COAL COMPANY

S. D. WARRINER, '90, Chairman of the Board

BETWEEN The LINES

BETWEEN every line of this issue, we want you to read a reason for coming back to Lehigh for Alumni Day on June 6 and 7. That's the one idea that we hope to get across this month. Therefore, instead of the usual random observations, this column gives you a little story about Lehigh and the Lehigh Valley written by "Girard," in the Philadelphia *Inquirer*.

* * *

THERE are in Pennsylvania two important memorials for Robert H. Sayre.

One is a pretty town in the northern tier of the State which bears his name. A more extensive memorial is the Lehigh Valley Railroad.

It is true that Asa Packer the colossus who projected that railroad, but it was Sayre, chief engineer, who constructed it.

* * *

THERE are more people living in Allentown today than dwelt in that whole valley in the summer of 1855.

The big three towns of Lehigh Valley—Allentown, Bethlehem and Easton—in that day had not more than half the population of the smallest one of them at this hour.

An industrial empire has risen there in the lifetime of its older residents. Rich, alluvial river bottom lands drew the first settlers. Then it was coal that became king.

Now the greatest single industry is steel, while silk and cement are prodigious contributors to that valley's wealth.

* * *

ASA PACKER and his engineering genius, Robert H. Sayre, saw the first trains glide down the Lehigh Valley. South Bethlehem was then a struggling village with 1000 inhabitants. Glorious Fountain Hill was still farm land.

Bethlehem's two greatest institutions, Lehigh University and Bethlehem Steel, did not exist.

People had been talking about zinc, but nobody knew that cement, a far more valuable deposit, lay locked in those hills of Northampton.

Nor did anyone in 1855 suppose that little girls then living would see the time when Allentown's mills, running day and night, couldn't supply silk enough to robe our ladies of 1929—little as most of them appear to wear.

* * *

LEHIGH County has become the chief potato kingdom in Pennsylvania.

They have gotten so good that unless a farmer can raise about 400 bushels to the acre he is counted a greenhorn.

But the Lehigh Valley since Asa Packer's day has grown in other things than those industrial. I don't know where else in America you will find so close together three such educational institutions as Lehigh University, Lafayette College and Muhlenberg College.

Then, for good measure, add that historic Moravian School.

By no means is the Lehigh Valley made up of coal cars, steel, cement, slate, silk mills and potato fields.

* * *

And now—all aboard for Beslem.

Lehigh Alumni Bulletin

Published monthly, October to July inclusive, by the Alumni Association of Lehigh University, Inc., Bethlehem, Pa.

Printed by Times Publishing Co., Bethlehem, Pa.

Subscription Price, \$2.00 a Year

Member of Intercollegiate Alumni Extension Service

Entered as second-class matter at Bethlehem, Penna., Post-office

A. E. BUCHANAN, JR., '18, Editor

J. W. MAXWELL, '26, Asst. Editor

VOLUME 17

JUNE, 1930

NUMBER 9

ALUMNI ASSOCIATION OF LEHIGH UNIVERSITY, INC.

Alumni Memorial Building, Bethlehem, Pa.

- A. R. GLANCY, '03, *President*
 R. P. HUTCHINSON, '04, *Vice-President*
 E. F. JOHNSON, '07, *Vice-President*
 R. S. TAYLOR, '95, *Treasurer*
 A. E. BUCHANAN, JR., '18, *Secretary*
 J. L. BEAVER, '04, *Archivist*

Honorary Alumni Trustees

- H. D. WILSON, '01
 AUBREY WEYMOUTH, '94
 C. W. HUDSON, '89
 CAWWALLADER EVANS, '01
 F. R. DRAVO, '87
 T. M. GIRDLER, '01

ALUMNI MEMBERS, BOARD OF CONTROL OF ATHLETICS

- D. M. Petty, '09 J. A. Frick, '03 W. R. Okeson, '95 M. L. Jacobs, '10

JOINT ENDOWMENT COMMITTEE

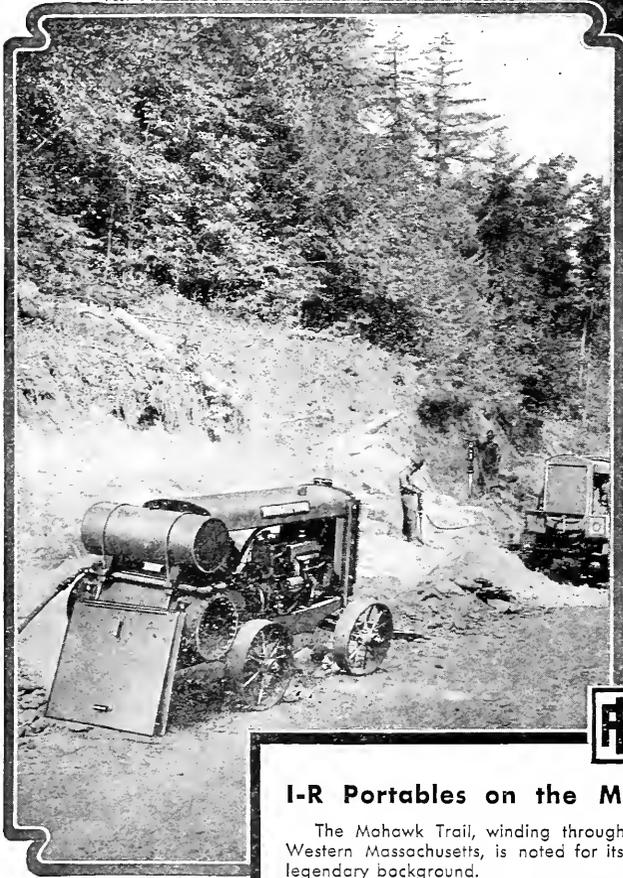
- E. G. Grace, '99, *Honorary Chairman* W. C. Dickerman, '96, *Executive Chairman*
 A. Weymouth, '94 H. S. Drinker, '71 C. D. Marshall, '85 F. R. Dravo, '87
 C. W. Hudson, '89 F. Baker, Jr., '95 H. D. Wilson, '01 W. R. Okeson, '95

LEHIGH ALUMNI CLUBS

| District | President | Secretary |
|-----------------------|--------------------------------------|-----------------------------------------------------------------|
| Bethlehem (Home Club) | A. C. Cusick, '23 | J. W. Maxwell, '26, Lehigh University, Bethlehem, Pa. |
| Boston | A. O. Fulton, '08 | H. F. McGoldrick, '26, 97 Mills St., Boston, Mass. |
| Chicago | J. T. Aubrey, '09 | J. Porter Langfitt, '24, Pure Oil Co., 37 35 E. Wacker Drive. |
| Central Penna. | Milton Roth, '24 | L. C. Wurster, '25, Franklin St., Pennbrook, Pa. |
| China | Yeu Te Ch'ang, '01, 16 Faug | Chin Hoang, Peking, China. |
| Cincinnati | L. T. Ralsey, '99 | A. A. Bauman, '19, French Bros.-Bauer Co., Cincinnati, Ohio. |
| Detroit | T. N. Lacey, '06 | H. E. Johnson, '13, 14414 Dexter Blvd. |
| Erie | W. J. Scarlett, '28 | J. G. Conrath, '29, 4603 Cherry St. |
| Maryland | J. S. Rowan, '10 | J. P. Leith, '25, 308 E. 22nd St., Baltimore, Md. |
| New York | Wm. Wirt Mills, '87 30 Church St. | Edward M. Giles, '26. |
| Northeast Penna. | E. J. Garra, '25 | G. H. Bingham, '10, Dunmore, Pa. |
| Northern California | R. H. Tucker, '79 | R. C. Moore, '27, 1800 Arch St., Berkeley, Calif. |
| Northern N. J. | David Green, '22 | F. H. Samuels, '25, 26 13th Ave., Newark, N. J. |
| Northern N. Y. | George M. Baker, '07 | Kenneth Houseman, '27, Schenectady, N. Y. |
| Northern Ohio | T. M. Girdler, '01 | G. P. Nachman, '14, 1775 E. 45th St., Cleveland, Ohio. |
| Philadelphia | C. F. Lincoln, '11 | Morz Bernstein, '96, 2130 E. 21st St. |
| Pittsburgh | J. D. Berg, '05 | Edward Stotz, Jr., '20, 801 Bessemer Bldg. |
| Southern N. E. | C. H. Veeder, '86 | J. W. Thurston, '96, 168 N. Quaker Lane, Hartford, Conn. |
| Southeast Penna. | E. A. Queler, '91 | R. W. Kinsey, '07, 723 N. 5th St., Reading, Pa. |
| Southern Anthracite | J. H. Pierce, '10 | R. B. Serfass, '09, 308 Schuylkill Trust Bldg., Pottsville, Pa. |
| Southern California | S. E. Lambert, '89 | R. M. Eckert, '08, 5642 Carlton Way, Hollywood, Calif. |
| Trenton, N. J. | J. H. Pennington, '97 | E. L. Robinson, '24, 2 S. Clinton Ave. |
| Washington, D. C. | T. N. Gilth, '07 | C. B. Griffith, '28, 4200 Harrison St., N.W. |
| Western New York | H. W. Baldwin, '96 | Harris McCarthy, '30, 110 Windsor Ave., Buffalo, N. Y. |
| York, Penna. | J. L. Rosenmiller, '19 | S. H. Shipley, '22, 639 Linden Ave. |

ALUMNI FUND CLASS AGENTS

| | | |
|-----------------------|------------------------|--------------------------|
| 1873 W. M. Scudder | 1892 H. H. Davis | 1911 A. P. Spooner |
| 1874 C. W. Haines | 1893 J. Taylor | 1912 Morton Sznitzer |
| 1875 J. E. Evans | 1894 A. Weymouth | 1913 H. T. Dyeon |
| 1876 W. L. Raeder | 1895 R. S. Taylor | 1914 W. A. Schrempel |
| 1877 H. S. Jacoby | 1896 J. deB. Amador | 1915 C. E. Siebecker |
| 1878 H. F. J. Porter | 1897 J. H. Pennington | 1916 E. J. Clement |
| 1879 F. W. Sargent | 1898 L. S. Horner | 1917 A. Bach |
| 1880 J. T. Reese | 1899 A. W. Klein | 1918 A. E. Buchanan, Jr. |
| 1881 T. M. Eyaon | 1900 E. A. Yella | 1919 H. D. Glader |
| 1882 E. H. Lawall | 1901 E. T. Murphy | 1920 Mercer Tate, Jr. |
| 1883 A. E. Forstall | 1902 A. A. Defenderfer | 1921 L. Bevan |
| 1884 A. Parker-Smith | 1903 S. P. Felix | 1922 Cottrell |
| 1885 H. O. Jones | 1904 F. P. Slan | 1923 A. W. Hicks, Jr. |
| 1886 C. H. Veeder | 1905 W. H. Lesser | 1924 J. F. Rogers |
| 1887 C. A. Buck | 1906 E. J. Cort | 1925 A. L. Bayles |
| 1888 H. H. McCollitic | 1907 Raymond Walters | 1926 David S. Bell |
| 1889 C. W. Hudson | 1908 J. M. Fair | 1927 John B. Hayes |
| 1890 H. A. Foering | 1909 S. R. Schealer | 1928 W. B. Billmeyer |
| 1891 W. Forstall | 1910 M. L. Jacobs | 1929 J. N. Blckmar |



R-2028

I-R Portables on the Mohawk Trail

The Mohawk Trail, winding through the Berkshires of Western Massachusetts, is noted for its scenic beauty and legendary background.

To make this historic region even more accessible, an extensive program of road work has been ordered. Ingersoll-Rand portable compressors and rack drills are being used, and their excellent performance is hurrying the work to a successful conclusion.

INGERSOLL-RAND CO., 11 Broadway, New York City

Ingersoll-Rand

Widening the roadway along the Mohawk Trail. The machines pictured above are 5' x 5 Portables and 5-49 "Jackhammer" Drills.

247-PC

Lehigh Alumni Bulletin

JUNE, 1930

Words Fail Us **T**HEY often do, along about this time in the morning—it's 2:30 A.M. We've been trying to think of some way of telling you how much Lehigh wants you back for Alumni Day. But it sounds so stilted—like a form letter or an advertisement. If you could only walk up the campus right now, see the gorgeous setting that Old Mother Nature has prepared for you, hear the expectant remarks on every hand—"the boys are coming back next week!"—and feel the heart-warming cordiality that animates South Mountain as it anticipates your visit—well, if you could, we'd go to bed right now with a clear conscience.

After all, coming back to Lehigh isn't something to which one can be persuaded by words. Either you feel the urge, or you don't. Here's just hoping, for your own sake, that *you* do.

Armchair Reflections on the Alphabet

TANTALIZING, at times, is the educational atmosphere, at least to one adjusted by training to a background of the exact sciences.

The mathematician can calculate the time of the next eclipse and Old Sol himself appends a conclusive Q. E. D. You can't argue with mathematics. The chemist can tell you exactly what will happen when undue liberties are taken with T. N. T. You can't argue with T. N. T. But Professor A can demonstrate that Procedure A is correct, to your entire satisfaction, until Professor Z points out the obvious validity of Procedure Z. You can always argue with education.

For example, consider an imaginary school in a remote factory town. Most of its students are predestined by statistics to grubby jobs in the mills. Says A, teach them the practical things they'll need in order to be better workers. Says Z, their lot is drab enough; relieve it for them while there's still time by cultivating an appreciation of the beautiful, of music, art, culture. And A is A and Z is Z "and never the twain shall meet."

Yet the task of making them meet, or at least of finding a neutral ground somewhere between, is the everyday assignment of college administrators and sometimes, of alumni secretaries. There is Alumnus A, too, who says, for instance, "I got more good out of my

extra-curriculum activities than I ever got out of the classroom; Alumnus Z, with equal fervor, declares that scholarship is the only thing that counts, until the would-be judge must conclude that both are right and both are wrong and all is confusion.

Every college has dozens of such "problems," and hundreds of A's and Z's. Indeed, it is a constant marvel to alumni officers to observe the fervor with which American alumni align themselves on important policies or trivial incidents which concern their college. Perhaps that's why we have alumni associations—to help evaluate different points of view and to establish the true perspective that must, after all, be the ultimate criterion of successful education. At least, we Lehigh alumni have always found that right at the half-way mark between A and Z is a great big L that looms larger to us than any other letter in the alphabet.

About the Browsing Room

IRREPRESSIBLE! These undergraduates, we mean—bless them for postponing the growth of moss on our aging backs. They'll "kid" anybody about anything, and make him like it. For instance, here's part of "W. P.'s" account in the *Brown and White*, of his first visit to the Browsing Room in the new library. It should be explained that the room has not yet been stocked with books and is, therefore, not in actual use.

Once in the room, which was empty of both students and books, I was momentarily at a loss as to how I should proceed to browse. At last I decided, "Students can do whatever they like in this room, so I guess there's no set form here for browsing."

Seeing several newspapers on tables and chairs, I spread them on the floor and crept over them on my hands and knees. Every once in a while, as the mood struck me, I sniffed at the papers and barked sharply. While I was in the midst of a bark another student came in. I thought that I saw a gleam of contempt in his eyes.

"Say, what do you think you're doing?" he asked sardonically.

"I'm browsing," I answered with dignity.

"Well, that's not what I call browsing. Get up, and I'll show you the right way."

He placed his hands on the floor, and raised his feet in the air until he was balanced on his hands only. He slowly walked about in this position among the papers. Sometimes he patted a paper gently with one hand, and purred like a cat.

At that moment a librarian came in and told us that we would have to leave, because the room was not quite ready for browsing.

Thus, with broad buffoonery does the modern undergraduate distract attention from a chest that is thrown out with pride over the latest evidence of his University's progress. But since "W. P." has made bedfellows of the sublime and the ridiculous let us ponder the subject of the Browsing Room. After all, the name is not at all original and not particularly euphonious. Much better it would be, if, by endowing its maintenance, someone would give us an excuse to call it the John Doe Memorial Room. (No doubt "W. P." would then go there to *dose*, but that would be easy.) And looking a little further ahead, can you imagine a custodian of that room, an elderly gentleman probably, who loves both literature and boys, and who deftly brings the two together, joins in discussions, settles arguments, recommends new adventures in reading and before long, becomes one of those Grand Old Men of the campus whose influence lives on in countless lives.

Dreams? Well, maybe, but the building that you fellows gave Lehigh inspires such dreams.

Seeds of Genius ACCORDING to a story credited to Edward R. Hewitt, of the Cooper Union, by *School and Society*, the Japanese government after many years of paying the educational expenses of young men in various foreign universities resolved to find out before sending youths abroad what ones were likely to be of most benefit to Japan when they returned. A committee addressed a request to all the universities which had enrolled Japanese students: "How can we determine in their youth what boys will make the most valuable men?" All the universities but one sent replies that they did not know how to determine this. But the faculty of Bonn, with German thoroughness, appointed a committee to investigate. The members studied the biographies of eminent and useful men and then made the report: "The only common trait in the youth of distinguished persons is that of disregarding the directions of their schoolmasters."

Presumably, the moral is that "self-direction is that which makes men great." But all of us may flatter ourselves that, by this formula, we once showed signs of genius. And perhaps some of us can feel reassured about our own youngsters on the strength of it.

Probability and Chance PRESIDENT Glenn Frank, of the University of Wisconsin, has calculated that out of each 1,000,000 without schooling, only 6 attain distinction;

Out of each 1,000,000 with elementary schooling, 24 attain distinction;

Out of each 1,000,000 with high school education, 622 attain distinction;

Out of each 1,000,000 with college education, 5768 attain distinction.

Obviously, either education helps, or else capable people pursue education further. President Frank, naturally, prefers the former deduction.

Lacking both the temerity and the data to question either his deduction or his figures, we content ourselves with a comparison. The figures quoted give the college graduate about a one-half of one per cent chance to "attain distinction." Out of Lehigh's 5000 graduates, 250 could be named who, by any reasonable standards, must be conceded distinction. That's just ten times the "batting average" of the one million. Either our ideas of "attaining distinction" are widely different, or else Lehigh—but modesty forbids.

More Good-byes

IN THE last issue of the BULLETIN, I was reported the resignation of Professor Ralph J. Fogg, as head of the Department of Civil Engineering. Now comes the announcement of two more friends who are leaving us. Both of them have done a tremendous amount of good at Lehigh during their comparatively brief stays.

The Rev. Fred Trafford, formerly Secretary of the Lehigh Union, after a trial leave, has decided to remain in the post of Police Commissioner of the City of Bethlehem. The full story of the good that Fred did for hundreds of students in hundreds of different ways—religious, financial, social and just plain friendly—will never be told. He goes to do more good for more people and Lehigh's appreciation goes with him.

Finally, a verbal hand-shake for Captain F. W. Hyde, of the R. O. T. C., transferred to other duties by the War Department. A regular fellow, a freshman football coach with a Lafayette scalp on his belt, and a 100 per cent Lehigh man if ever anyone adopted an Alma Mater. So long, Cap, and happy landings!

Check and Double Check

W. E. WICKENDEN was inaugurated as President of the Case School of Applied Science on April 11. Dr. Wickenden, you remember, was in charge of that survey of engineering education conducted four or five years ago for the Society for the Promotion of Engineering Education. At that time, he recommended certain modifications in engineering curricula, practically all of which Lehigh had made a year earlier. Now, in his splendid inaugural address, he again expresses some thoughts which are of timely interest. "Scientific learning," he says, "tends by nature to be disciplinary and impersonal. Its habit is to break the world down into fragments for intense observation. In itself, it does not give a unified view of personal existence or of human society. As a counterpoise, an intensive scientific discipline needs an environment of vivid, integrated group experience with strong emotional urges; equally it needs the corrective of spontaneous activities in which individual taste and talent may have their fling. * * * Secondary as these matters are, I confess they weigh heavily upon me. * * * It is our boast that we teach men how to work efficiently. This is not enough; we must teach men how to live as well as labor and how to lead as well as obey."



FOLL IN LINE HINNICH DIE KLENE DEITSHE BAND!

DOSE LEHIGH'S KUMA FER DER ALUMNI DAG!

JUNE 6 and 7

REUNIONS

For '75, '80, '85, '89, '90, '95, '96, '00, '05, '10, '15, '20, '25 and '29

Mammoth Reunion of the Class of '66 (Everybody Else)

PROGRAM

FRIDAY, JUNE 6

(Daylight Saving Time)

- 12:00 M. —Meeting, Board of Directors of the Alumni Association, Bethlehem Club.
- 3:00 P. M.—Meeting of the Alumni Council, Alumni Memorial Building.
- 3:00 P. M.—Baseball, Lehigh vs. Muhlenberg, Taylor Field.
- 7:00 P. M.—Annual Alumni Dinner, Hotel Bethlehem.
- 7:00 P. M.—Dinner for Wives of Alumni and Faculty, Hotel Bethlehem.

* * * *

SATURDAY, JUNE 7

- 8:30 A. M.—Class Breakfast of '89, Hotel Bethlehem.
- 10:30 A. M.—Annual Meeting of Alumni Association, Auditorium, Packard Laboratory.
- 12 M. to 2 P. M.—Alumni Luncheon, Drown Hall and the Armory.
- 3:00 P. M.—Parade of Reunion Classes, Packer Hall to Taylor Field.
- 3:30 P. M.—Baseball, Lehigh vs. Villa Nova, Taylor Field.

7:00 P. M.—Class Reunion Banquets:

- '90, Hotel Bethlehem
- '95, Saucon Valley Country Club
- '96, Hotel Bethlehem
- '00, Hotel Bethlehem
- '05, Bethlehem Club
- '10, Hotel Bethlehem
- '15, Bethlehem Club
- '20, Hotel Bethlehem
- '25, Hotel Bethlehem
- '29, Hotel Bethlehem

* * * *

SUNDAY, JUNE 8

- 11:00 A. M.—Baccalaureate Sermon by Very Rev. D. Wilmot Gateson, Chaplain.

* * * *

MONDAY, JUNE 9

- 2:00 P. M.—Class Day Exercises, Flagpole.
- 4:00 P. M.—President's Reception, Drown Hall.
- 9:00 P. M.—Senior Ball, Drown Hall.

* * * *

TUESDAY, JUNE 10

- 11:00 A. M.—Commencement. Address by Dr. George Edgar Vincent, President of the Rockeller Foundation, Chapel.

Lehigh Helps to "Save the Surface"

The Story of the Important Results That Have Grown Out of a Casual Request for Advice from a Chemist

WHEN you ask a chemist a question, he always has an answer. But sometimes it takes him the rest of his life to tell it. That's just about what happened back in 1916 when Prof. J. S. Long, '13, better known as "Shorty," was asked the cause of the trouble a certain manufacturer was having in his factory. Shorty started to reel off the answer on the spot, and he has been reeling ever since, because every time he stops for breath he observes that the trouble was a little more fundamental than he first suspected. And in the process of answering, he has accumulated sixteen helpers, the whole third floor of the Chem. Lab., and a reputation for Lehigh as being "headquarters" for bread and butter information about the protective coating industry.

In August, 1916, Prof. Long was asked by a friend, Mr. W. W. Adams, Jr., President of the Thompson Adams Leather Co., to go to Chester, Pa., to investigate the trouble they were having at the Chester Enameling Co. in the manufacture of patent leather. The finished leather was too fragile. It cracked and peeled off under slight provocation. Armed with a microscope Shorty went down, "learned" the business, made some micro-sections, examined them and made a written report of the cause of the trouble and how to rectify it—all within 24 hours. Six months later, he knew that this first report was not only wrong but ridiculous. The company, however, liked the idea of a touch of alleged science and asked him to continue coming down once a month to guide the chemical side of the process.

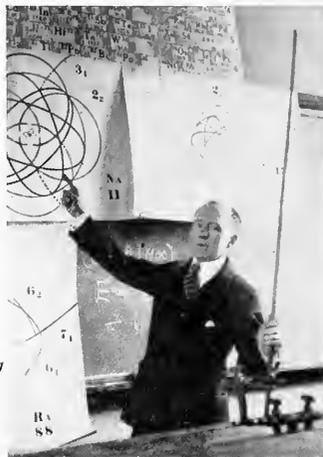
After four or five years' experience it was found that one of the real causes of patent leather cracking lay in faulty and non-uniform cooking of the linseed oil used. The so-called "pure" raw linseed oil was heated in iron pots until it became quite thick; then these "enamels" were applied to the leather in three or four successive

coats. Much depended on the cooking. The process was not unlike that of a woman making jelly. When the oil had thickened until it dripped off the stirring ladle in strings of certain length and stickiness, it was considered "done" and the kettle removed from the fire. This was guess work. It depended on the judgment of the foreman. He was in all cases uneducated, often a hard drinker and not given to a very high degree of pride in his craftsmanship. Results were sometimes very good; at other times, equally bad.

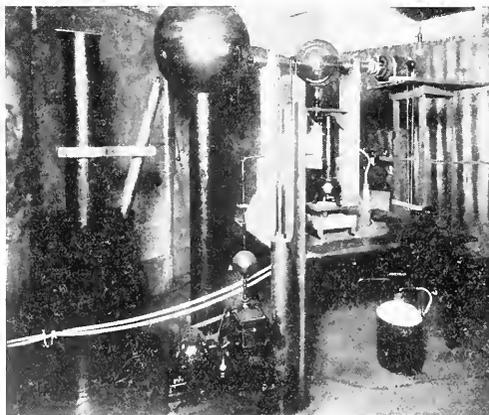
TO A chemist, the thickening of the oil was a manifestation of chemical reaction. The oil molecules were uniting to make larger molecules of greater weight. Now, the determination of molecular weight is pie to a chemist; therefore Shorty decided to try to follow and control the cooking process by determining the molecular weight of successive samples as the cooking progressed. The first efforts to determine molecular weights of thickened linseed oil were carried out in the Lehigh laboratory by A. J. Sugar, '20, and A. T. Wilson, '21, as a part of their thesis work for the Ch.E. degree. Plenty of trouble was encountered but the progressive change in the figures as the oil cooked was very great (from 700 up to 3000) so that from the start, the investigators knew they were on the right track. In 1921, Mr. J. G. Smull, Callender-Carnell fellow in the Department of Chemistry, tackled the job in earnest and the result was a practical method for determining molecular weights of thick oils and the use of this method to control the cooking process. A paper on the method, entitled "A Control Method for Boiling Drying Oils" by J. S. Long and J. G. Smull, was published in the *Journal of Industrial and Engineering Chemistry*, Vol. 17, p. 138 (1925).

About this time, the New Jersey Zinc Co. came forward in support of the newly-formed Lehigh Institute of Research and endowed a research fellowship at Lehigh. Graham Wentz, Ch.E.'24, was awarded the fellowship and went to work on additional phases of molecular weight studies of drying oils.

The third bit of help along this line came also from the leather industry in the establishment of the Pfister & Vogel Research Fellowship in 1925 with W. J. Arner as the first holder. After graduation, Arner went with this company.



Prof. J. S. Long on the lecture platform.



The famous cathode-ray tube which produces an ionic bombardment so powerful that it completely changes the properties of matter. Note sheet lead walls which insulate room.

The next worker to join the forces was C. A. Knauss, who published papers in 1926 and 1927 and who has since become research director for John Lucas & Sons in Philadelphia.

THE WORK, up to this point, had been mainly concerned with a study of the factors affecting the chemical reactions that occur when drying oils oxidize, and a control over the process. It now became evident that the next step consisted in improvement in the raw material itself. The natural drying oils vary in composition and contain objectionable minor ingredients. How could better oils be obtained? The logical place to go for information was to the firms which extract the linseed oil from flax seed. Accordingly the oil crushers were approached and asked to cooperate in developing better drying oils. The Wm. O. Goodrich Co., of Milwaukee, through its Vice-President, Mr. W. H. Eastman, took the lead in planning to start a research program on drying oils. This was followed very shortly by a similar offer to cooperate from Mr. S. O. Sorensen, technical director of the Archer-Daniels-Midland Co., the largest flax seed crusher in the world. A contract was drawn up for a cooperative research program between the University and these two crushers. Work on this plan started Oct. 1, 1927. Since that time the scope and magnitude of the research program on drying oils has steadily increased. Cooperation with the New Jersey Zinc Co. introduces the perspective of interrelation of pigment to oil vehicle and with the Armstrong Cork and Linoleum Co., the largest manufacturer of linoleum, the perspective of that industry. The Columbus Union Oil Cloth Co. cooperated also in the study of Fumes from oil kettles. The General Electric Co. has also participated in the work.

During the same period, the following graduate students have contributed to the program: J. Dudley Ransom, '26; W. S. Egge, P. C. Wetterau, '25; E. K. Zimmermann, '27; W. W. Kittelberger, '27; P. F. Schlingman, S. C. Nevins, '23; L. K. Scott and C. E. Brown, '27. All these men received the M.S. degree and went out into some phase of the protective coating business. In addition to the various "fellows," Prof. D. S. Chamberlin, Prof. E. R. Theis and Prof. H. V. Anderson became interested in the program and have contributed greatly to its effectiveness. Mr. Smull, who had meanwhile become a member of the teaching force of the Chemistry Department, has remained continuously active in the work over the entire period. The



*Professor H. M. Ullmann,
Head of the Chemistry Department*

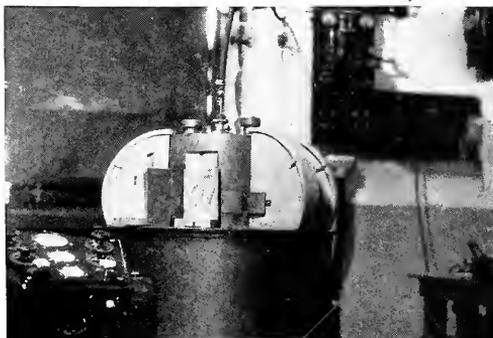
present staff of researchers in this one field numbers four faculty members, seven graduate students and six undergraduates.

A great deal has been learned about drying oils and the work has taken on new aspects. The older studies, dealing with oil as such, have given way to the synthesis of new oils; the study of the physico-chemical and colloidal aspects of the subject, and to biochemical considerations. A very fine field of flax was grown in the Lehigh arboretum last summer in order that samples of seed could be taken at intervals for study.

THE effect of rays in promoting chemical reactions led to the installation of a Coolidge Cathode-Ray tube to study actinic effects. In order to study the structure of protective coating films two complete X-Ray tube outfits have been set up under the direction of Prof. H. V. Anderson.

At the present time, Lehigh is fostering an effort to survey all the research work being conducted on protective coatings in laboratories throughout the country, with the aim of coordinating and unifying the efforts of different workers for the benefit of the industry as a whole. Perhaps, by thus marshalling all the experts into an orderly phalanx, the question that Shorty Long started to answer 14 years ago may finally be answered.

But, even in that unlikely event, somebody is sure to ask another question. Otherwise it wouldn't be any fun to be a chemist.



Two of the X-Ray machines with which Prof. H. V. Anderson reveals the innermost secrets of the molecules of everything from linseed oil to golf balls.

Lehigh Shaped the Brilliant Career of H. S. Miner, '88

Biographical Sketch of Eminent Chemist Published in Recent Issue of "Industrial and Engineering Chemistry" Reveals Influence of University Training and Association. This Article is Reprinted Through the Courtesy of Dr. H. E. Howe, Editor of That Journal.

THE lecture platform was literally ablaze with light—light that emanated from a long row of Welsbach mantles—and in that radiance stood the tall, distinguished figure of the speaker. That was my first picture of Harlan S. Miner, chief chemist of the Welsbach Company, and it was then and there that the romance of chemistry lured me into the ranks of her devotees. The speaker had lighted the mantles one by one, demonstrating in a few minutes the convincing results of years of research—the development of the incandescent gas mantle from the original zirconium-lanthanum-cerium filament of Auer von Welsbach with its puny pinkish yellow glow, to the hot white brilliance of the perfected thoria mantle. As Doctor Miner talked, the fascinating story was unfolded as though by one who had been privileged merely to witness the triumphs of associates instead of by him whose own work had established him as an authority on the chemistry of the rare earths. Even we undergraduates sensed that here was a man who knew immeasurably more than most of us could ever hope to know, yet addressed us with a lucidity that enthralled us.

ALL that was long ago, and by the strange metamorphosis of time I find myself writing of Doctor Miner as a contemporary and a good friend, for our common interest in our college and our profession has bridged the awesome gulf between his eminence and my insignificance. But Miner is unchanged, unless it be that he is a bit more distinguished in appearance, a trifle more modest in demeanor or more retiring in temperament. He still talks as one whose achievements have been mere accidents. He changes no more than do the Vermont hills, where he was born in 1864. His erect carriage, his firm step, and his clear gaze still tell the story of the long walk from the old Miner farm, near Chester, Vt., to the district school. His boyhood was passed in the same environment as that of another Green Mountain boy on another farm at Plymouth, a few miles away, Calvin Coolidge.

THIS brief characterization begins with reference to Doctor Miner's close association with Lehigh University, which he entered in 1884 from Vermont Academy. It is quite appropriate that his story be introduced on such a note, for his whole career shaped itself from contacts made at college. When Miner was graduated, William H. Chand-



H. S. Miner

ler, then professor of chemistry at Lehigh, referred him to Waldron Shapleigh, an alumnus of the Class of '71. Shapleigh had taught chemistry at Lehigh after his graduation and retained an active interest in the work of that department. Indeed, chemical education lost a promising leader when his pioneering spirit led him into the industrial field. At this particular time he had become interested in the early attempts to develop Auer von Welsbach's discovery that an aggregate of rare-earth oxides became incandescent upon heating in a Bunsen flame. He employed Miner in the laboratory of the newly-formed Welsbach Company, which had been established in Gloucester, N. J., to produce the first American gas mantles. The first rare-earth nitrate solution for impregnating the cotton fiber in mantle manufacture was imported from the parent company in Germany, and so jealously was its composition guarded that to everyone in the plant except Shapleigh, the manager, it was known only as "fluid." It was not until Miner had served a year's apprenticeship that he was initiated into the secret and thus enabled to take up, in a scientific way, the development of mantles with higher illuminating power. This work involved careful study of elements then known only as museum specimens and formed the foundation of the present knowledge of the chemistry of rare earths. In 1892 came the discovery that thoria was vastly superior to zirconium,

lanthanum, and cerium in illuminating value. Research leading up to this innovation had been conducted simultaneously in Germany by Doctor Auer and in the United States by Shapleigh and Miner. From this point it was a comparatively short step to the perfected thoria mantle, with its one per cent cerium, to give intensity and color to the light. Upon this foundation a great business grew, by means of which the large capital invested in the illuminating gas industry was protected during a critical period against the rising competition of electricity for lighting.

The development of the incandescent mantle was only one of the romances that grew from his explorations into the unknown field of rare-earth chemistry. The development of processes for the extraction of thorium from monazite sand, the discovery of many important uses for cerium, zirconium, and other members of a hitherto unknown family, the discovery of a radioactive by-product from thorium, which became known as mesothorium and which played an important part during the war in the manufacture of luminous paints—these are but a few of the fascinating incidents that have marked the career of Harlan Miner. Ever on the alert for new applications of his specialized knowledge, he has explored a wide variety of industries, ranging from the early days of the incandescent electric light when Doctor Auer developed the osmium filament lamp, forerunner of the modern Mazda, up to the present time when the energies of his staff are concentrated on novel phases of rayon production.

IT IS characteristic of Doctor Miner that from the time he went to Gloucester to take his first (and only) job he made himself part of the community. He has served on the board of health of that town, has been a trustee of Pennington Seminary, and an active member of the Methodist Church. Mrs. Miner was Emma E. Mayers, a Gloucester girl. He acknowledges no hobbies, for his home and his garden and small granddaughter occupy his spare time during the week, while his active participation in church work precludes Sunday golf. As a matter of fact, I believe his hobby is living, for surely he has developed that commonplace practice to a fine art.

If man is but dust, the particular grade of raw material from which Harlan S. Miner is made was most certainly a rare earth.

A. E. BUCHANAN, JR.



Prof. Henry S. Jacoby, '77, Professor Emeritus of Bridge Engineering, Cornell University, has just published his Genealogy of the Jacoby Family, a Record of the Descendants of the Pioneer, Peter Jacoby, of Bucks County, Pennsylvania. Only 300 copies of the volume, which contains 670 pages, were printed. Prof. Jacoby is a member of the National Genealogical Society and the Genealogical Society of Pennsylvania and his latest work is a magnificent contribution to genealogical science as well as a marvelously comprehensive record of a vigorous and interesting family tree. He began his collection of genealogical information in 1875 and has devoted a great deal of his spare time throughout his life and practically all his energy since his retirement from teaching, to his researches for this undertaking. More than 5200 letters were written by the author since 1914 in his efforts to collect data. No record was kept of his correspondence before that year. Over 5000 of these letters were written longhand in order to emphasize the impression that each was a strictly personal communication.

Prof. Jacoby has presented a copy of his work to the Lehigh University Library.

C. J. Brockman, '19, Associate Professor of Chemistry at the University of Georgia, is the author of an article, "Qualitative Analysis," just published by Ginn & Co.

Ezra Bowen, '13, contributed two articles on "Malthus, a Revaluation" and "Paleo-Malthusianism" to recent issues of the *Scientific Monthly*. Bowen calls the law of Malthus the most influential piece of writing to which the world has ever fallen heir.

A. N. Van Vleck, '08, writes in *The American Architect* an interesting article on "Why Architects and Engineers must have Larger Fees for Set-Back Design." He points out very clearly why the new type of skyscraper architecture is more costly both in construction and maintenance.

Van Vleck was consulting engineer for the fifty-three-story Lincoln building, New York City, and for the International Telephone and Telegraph building.

H. F. J. Porter, '78, Secretary of the National Museum of Engineering and Industry, contributes an article to the *New York Times* of May 8, outlining the pending plans for a new headquarters for the organization in Washington.

L. S. Horner, '98, writes in a recent issue of the *Executive Service Bulletin*, an article on the census of manufactures under the title, "Charting Business Procedure." Horner, who is President of the Niles-Bement-Pond Co., was Chairman of the National Advisory Committee on Manufactures, for the industrial census.

C. F. Keife, '09, is the author of an article in the Feb., 1930, issue of the

Architectural Forum, "Uniting Two Buildings and Two Banks." The author describes the transformation of the banking quarters of the First National Bank in Chicago and the Fort Dearborn National Bank. Keife is with the Leonard Construction Co., 37 S. Wabash Ave., Chicago, Ill.

Walter S. Landis, '02, asks "What Do We Expect of the Chemist?" in the April issue of *Chemical Markets*. He makes a plea for a better sense of economic values in chemistry, expressing the belief that the profession has "gone high-brow" in its devotion to research and theoretical chemistry when there are so many practical problems of economic importance crying for attention.

Theodore M. Switz, '22, who is with the investment Research Corporation, of Detroit, contributes a feature article on the "Financial Structure of American Chemical Industry" to the leading technical journal in that field, *Chemical and Metallurgical Engineering*.

C. A. Schwarzwaelder, '11, writing in collaboration with K. E. Kratz, contributes "The Civil Engineer in Air Transportation" to the April issue of the *Michigan Technic*.

Captain Schwarzwaelder is taking graduate work at the University of Michigan and is making a study of the possibilities in air express traffic for his masters' thesis.

Joseph Daniels, '08, professor of mining engineering in the College of Mines, University of Washington, is the author of a report recently published by the Engineering Experiment Station of that institution. The bulletin, entitled, "Iron and Steel Manufacture in Washington, Oregon, California, and Utah," reviews the development of the iron and steel industry on the Pacific Coast from the early settlement of Utah, through the gold rush days of '49 in California, to the recent acquisitions of Pacific Coast plants by the United States Steel Corporation and the Bethlehem Steel Corporation.

Much of the material in the bulletin is new and represents an intensive study carried on for several years while the writer was engaged in an investigation of the possibilities of establishing a new blast furnace industry in the Pacific Northwest. The report is of interest to the student of Pacific Coast history as well as to the engineer and industrialist who may be seeking accurate information regarding the manufacture of iron and steel products in the west.

Charles C. Hopkins, '82, consulting engineer of Rochester, N. Y., presented a paper on "Allowable Leakage in Cast Iron Pipe" at a recent meeting of the American Water Works Association. The article reports an investigation of various cast-iron pipe lines and their leakage. The author says specifications for pipe lines should provide for damages for exceeding allowable leakages

and also give the contractor performing the work a bonus for leakage less than the allowable.

M. A. deWolfe Howe, '66, is the author of an article called "Books and the Nation," published in *Scribner's* magazine. He tells us that the Congressional Library is coming to be used by students almost as a University.

C. E. Lawall, '14, with the assistance of I. A. Given and H. G. Kennedy, fellows in Mining at West Virginia University, has had a pamphlet on "Mining Methods in West Virginia" published by West Virginia University. The article covers 230 pages, with numerous illustrations and records. It represents one of a series of studies on mining industries of West Virginia undertaken by the School of Mines of West Virginia University, of which Lawall is head.

Faculty Promotions Announced by Board of Trustees

At the April meeting of the Board of Trustees, the following promotions of members of the faculty were approved:

Professor Alpha A. Diefenderfer was advanced from the position of Associate Professor to that of Professor of Assaying and Qualitative Analysis.

Professor Harvey A. Neville was advanced from the position of Research Assistant Professor to Research Associate Professor of Chemical Engineering.

Professor Edwin R. Theis was advanced from Associate Professor to Associate Professor of Chemical Engineering.

Professor Harold V. Anderson was advanced from the position of Assistant Professor to Associate Professor of Chemistry.

Professor Frederick Creedy was advanced from the position of Research Assistant Professor to Research Associate Professor of Electrical Engineering.

Professor Kenneth W. Lamson was advanced from the position of Assistant Professor to Associate Professor of Mathematics.

Professor Max Petersen was advanced from the position of Assistant Professor to Associate Professor of Physics.

Professor Thomas H. Hazlehurst was advanced from the position of Instructor to Assistant Professor of Chemistry.

Mr. Michael A. Farrell was advanced from Assistant to Instructor in Biology.

Mr. Richard J. DeGray was advanced from Assistant to Instructor in Chemistry.

Mr. Ralph N. Vanarnam was advanced from Assistant to Instructor in Mathematics.

Mr. Hugh S. Stanley was advanced from Assistant to Instructor in Mathematics.

Prof. Carothers Named on the Anthracite Coal Committee

Dr. Neil Carothers, head of the Department of Business Administration, has been appointed a member of the regional economic committee of the Anthracite Corporation Association of the Pennsylvania hard coal regions.

Rifle Team Again Wins Eastern Championship

For the second consecutive year the R. O. T. C. rifle team of Lehigh University has been awarded the Eastern championship of the senior classification of the William Randolph Hearst trophy matches. This championship was won in competition with thirty-nine other rifle teams, representing twenty-four colleges and universities, several of the institutions being represented by two or three teams. Lehigh's second team placed second in the same competition, defeating all the other first teams in this section in doing so. Lehigh's first team placed second in the national standing.

The team score was 931 and the highest individual score included in this, which was made by J. D. Dickerson, '31, was 190. Lehigh's second team scored a total of 909, which was five points more than the first team of Carnegie Tech.

The personnel of Lehigh's first team was: J. D. Dickerson, '31; R. F. Gadd, '30; D. T. Davidson, '32; E. H. Neodel, '31; G. C. Vaughan, '30.

The personnel of the second team was: Olaf Otto, '33; W. K. Van Kirk, '33; W. M. Gibbs, '32; C. A. Jeanson, '31; K. R. Schneck, '33.

Although on the second team, Otto had the highest score of any of the ten men and tied for highest in the East with a man representing Carnegie Tech.

Lehigh missed tying for the national championship in this competition by a single point, the unit at the North Dakota Agricultural College getting the highest score of 932, making Lehigh take second place.

The country is divided into four geographical sections for this competition, the West, Mid-West, South and East. The schools and colleges in each section are divided into three groups in each section, the senior units such as Lehigh's, ones that represent essentially military schools and colleges, and junior units at high and preparatory schools.

The Lehigh matches were held during the week of March 15 on the range in the basement of the Armory on the campus. The targets were then mailed in to Chicago, where the scores were tabulated.

Christopher Morley Exposes Bill Colling, '12

EDITOR'S NOTE: This story was clipped some months ago from the *New York Evening Post*, when New York was troking across to Hoboken to see Christopher Morley's revivals of old ten, twenty, thirt' melodramas. In the meantime, Bill has left Hoboken and the town is once more just the place where the Lackawanna ferry dumps the Jersey commuters. Therefore, the publication of the exposé at this time will not be suspected of being a "put" for the Old Right, and it is reprinted here in response to the many inquiries voiced at the last meeting of the New York Lehigh Club—"Who is that good looking song leader?" Incidentally, Bill has not only written more Mustard and Cheese music than any other Lehigh man, but he is also the author of one of our best football songs—"Rearin', Tearin',"—and editor of the Lehigh song book.

By Christopher Morley

BILL COLLING is one of those fellows whose name isn't really Bill, and who looks extraordinarily well in a goatee. He wears one this week, playing the part of Bellingham, the much-hissed villain in "After Dark." Bill Colling, who is really our publicity man, took the role of Bellingham while the regular villain is on a vacation. And that suggested to me the notion of turning the tables on Bill. For a year now he has been pushing out publicity about me, which has often been a source of pain and suffusion. This is going to give the low-down on Bill, whose real name is Ernest.

I extracted all this information from Bill quite unsuspected by him. It emanated from a plate of curried veal in that historic little back room behind the grill of the Continental Hotel, Hoboken. I had noticed that Bill always orders curry when it's on the menu. The answer to that is sensible enough. Bill's grandfather, who really was a Bill, Major William A. Colling, was an officer in the British army in India.

THE present Bill was born in Pittsburgh in 1891, but Oil City is the town he really thinks of as home. He went to high school in Oil City, and in 1908 he won a scholarship at Lehigh University. He doesn't seem to remember so much of his classroom work at Lehigh, and my private opinion is that he spent most of his time in the college musical and dramatic activities. He was leader of the college glee club for three years, and wrote the music for three college shows. One vacation he worked as an actor with the Orpheum Stock Company in Oil City, but he remarks that a merciful lack of memory shrouds parts and plays he was implicated in.

After graduating from Lehigh in 1912 he got an advertising agency job in Cleveland. That lasted four years. Then he came East for the first time, and followed family connections into the oil business. He traveled in promotion work for the Vacuum Oil Company for three years. But about 1919 his old theatre bacillus bit him again. He got a job at Frank Vanderlip's theatre in Scarborough as stage manager, then as assistant director. I believe that Jesse Bonstelle was there also at the same time. He well remembers helping to stage the first production of "Sun-Up" at that time, and thinking so well of it that he tried to raise some money to buy the rights, but missed it by a few minutes. As every one knows that play afterward became a Pulitzer Prize-winner—the first of them, wasn't it? Chesterton's queer play, "Magic," was another of the pieces he was concerned in at Scarborough.

His first venture in actual management was less successful. He helped to finance a play called "The Skylark," in which he also played a small part. That's what he was doing, at the Belmont Theatre, in the summer of 1920, when I first met him. He used at that time to contribute occasional verses to my old Bowling Green column in the "Evening Post," but whether I ever printed any of them I cannot swear to. But I remember that they used to come in on letterheads of the Vacuum Oil Company, which interested me, because one of the finest poets of our time, Walter de la Mare, also used to work for an oil corporation.

"The Skylark" flew away with our friend Bill's savings, and he fled to Chicago where he worked with Alice Gerstenberg in the Little Theatre. Then he was violently imbued with the red corpuscles of the movies. He was employed in studios on the Gold Coast for eighteen months. Once in a moment of unusual confidence he showed me some professional photos of himself in appassionate roles. I have never betrayed him. It was in California, I believe, that he got the idea of smoking a curved-stem pipe.

I think it was perhaps that pipe that particularly endeared him to me. At any rate when he returned to New York in the late autumn of 1922 we became very thick, and spent the whole spring and summer of 1923 in working together on a dramatization of "Where the Blue Begins"—which still,



The Lehigh R. O. T. C. reviewed on the Upper Field by officers of the War Department

after all sorts of almost productions and hallucinatory beginnings, remains unproduced. But Bill and I have great faith in it, and once, in a fit of excitement worked out a schedule for the mutual division of our putative royalties. Copies of this agreement are locked away in safe deposit, and both Bill and I have forgotten the figures, but we can look them up if there should be any necessity. Our collaboration on this job was delightful, indeed. Bill was living at a farmhouse in New Jersey called Bog Hollow and I was living in a morass on Long Island. We used to meet at the office of the "Evening Post," a convenient half-way point, and argue violently.

MUCH to my amusement, when I left the "Evening Post" in 1920 Bill rushed down there and got a job as motion picture editor. Then, a year later, a movie producer having given him a gold fountain pen for Christmas, he accepted an offer to do publicity for Paramount. Then he worked on the staff of the "Morning Telegraph." But perhaps his most romantic job was the one that sounds least so. He went for a year to England, Belgium, France and Spain to establish publicity contacts for Fertilizer Sales, Ltd., which was the British wing of a mysterious product called cyanamid (I think that's correct). Returning to the United States in 1927, he was with the J. P. Jones Publicity Corporation until that fatal day a year ago when I whispered in his ear the one word, "Hoboken."

It is certainly an engagingly varied career, and yet the studious analyst can see in it the two confluent motives of publicity and the theatre which are Bill's main instincts. His other excitements, such as once having bought three lots of real estate in Mineola, L. I., and his ambition to have a hot-dog stand erected on them for which he is going to write his "Hot Dog Symphony," are corollary to the true course of his career. That he has a quality of prescience is shown by the fact that he, long before "Show Boat" was seized with the notion of a play about a Mississippi floating theatre. He wrote a script called "Mississippi" which he was trying to market when the great success of "Show Boat" came along and blanketed the market. He also wrote a play called "Jail Bird," which anticipated some of the recent penitentiary dramas. The scene where the erring parent returns from prison on Christmas eve is worthy of Bertha M. Clay.

I often wish Bill could find more time for his musical composing. The waltz he wrote for "Pleased to Meet You" is a delicious thing, and he has set to music a number of my own verses more than charmingly.

RESENTING his having spent so much time unloading upon the press his innumerable items about me, I hope to embarrass and confound him with this impromptu exposure. Knowing Old Bill for the good hird he is, it has given me much pleasure to watch him play the villain Bellingham this week and receive the angry hissings of the Old Rialto audience. Bill is a thrifty man and he loves to be hissed, for it keeps the air in circulation in hot weather and you don't have to use so much current for the electric fans.



Erie Alumni Plan Additional Activities for Next Year

The Erie Club's final meeting of the season, held in the form of a luncheon at the University Club there on May 14, was probably the most enthusiastic gathering held in the brief history of this organization. The attendance represented about fifty per cent of the alumni residing in Erie, which is unusually good for any club, and especially in view of the fact that several old reliables were out of town at the time.

A talk was given by John Maxwell, '26, assistant editor of the ALUMNI BULLETIN, in which he described many of the more recent changes and developments on the campus, especially for the edification of several older alumni present who do not get back to the campus very often.

W. J. Scarlett, '28, the president of the club, acted as chairman. Others present were J. G. Conrath, '29; S. R. Root, '13; J. R. Smith, '28; D. N. McBrier, '77; J. Z. Miller, '91; M. A. Nagle, '98; E. B. Wiseman, '88; W. R. Farley, '26, and W. T. Hanly, '97.

This club has just rounded out the first year of its existence, during which several luncheon meetings were held. Now that the club is a well established organization, it hopes to fall in line with many other of the alumni groups and stage a smoker or meeting for prospective students next spring. Since several of the members are ardent golfers, it is very likely that this club will hold a Lehigh golf match this summer.

Boston Alumni Hold Biggest Meeting

Thirty-five alumni, assembled at the University Club in Boston on Friday, May 16, started the Boston Lehigh Club off on its rejuvenated career with the largest attendance in the annals of the organization. It was a cracking good meeting, with everybody rarin' to go and it presaged a new period of Lehigh activity in New England. Austy Tate was the guest of honor, and he was at top form, back among the bean-eaters where they speak his own language.

A. Oram Fulton, '08, new president of the club, acted as toastmaster. He called first upon L. A. Olney, '96, long one of the "old reliables" of the organization. Dr. Olney traced the checkered history of the Lehigh Club of New England and expressed the hope that it might continue to flourish and extend its influence for Lehigh in New England. Curt Trafton, '96, was called upon for a few words and responded with some extremely interesting reminis-

cences of Lehigh football and football players. Tate told of current events on the campus, dwelling particularly, of course, on the athletic situation which he described as thoroughly healthy.

The Club has planned weekly luncheons at the University Club every Friday for such of its members as can conveniently meet there.

Cincinnati Alumni to Hold Spring Frolic in Kentucky

The Cincinnati Lehigh Club is planning a big annual meeting on May 23. It is to be held over the state line at Cody's Country Estate, near Erlanger, Ky., on the Dixie Highway. Austy Tate and A. E. Buchanan, Jr., are expected to attend as representatives of the campus.

Philadelphia Lehigh Club Elects Officers

At a recent meeting of the Board of Directors of the Lehigh University Club of Philadelphia, the following officers for 1930-31 were elected:

President, C. F. Lincoln, '11; First Vice-President, N. E. Funk, '05; Second Vice-President, W. F. Carson, '08; Treasurer, Walton Forstall, '91; Secretary—Let me think now, what is that fellow's name? Oh yes, Moriz Bernstein. Bery begins his 28th term. With a little more practice he ought to become a pretty good secretary.

Football Coaching Staff Remains "All-Lehigh"

Next fall will find some changes in the football coaching staff under Head Coach Austy Tate, according to the appointments recently announced by the Board of Control of Athletics. "Heimie" Goldman will be back on the job, although he plans to attend Law School in another city next year. "Chuck" Hess, unable to leave his business next season, will be succeeded by Bill Springsteen, '24, who recently left Detroit, where he had been teaching and coaching, to accept a position in Allentown.

The freshman staff will lose the very popular and successful Captain F. W. Hyde, of the U. S. Army, who has been transferred to another post. Bob Adams, '26, his assistant last year, moves up to the job of freshman coach, and gets as his assistant Jimmy Fritts, '31, game little halfback who was seriously hurt in the Lafayette game last fall, and can not play next year.

Every member of the new staff is a Lehigh graduate except the one undergraduate, Fritts.

Baseball, Lacrosse and Tennis Teams "Take" Lafayette

THREE of the four spring sports closed for Lehigh on Saturday, May 17, all of them successfully in some respects even if not entirely so. The baseball team still has two more games, with Muhlenberg and Villanova on Alumni Day and the day before. Three of the four teams accomplished that ultimate objective of all Lehigh aggregations, to beat Lafayette, giving Lehigh the edge over the Maroon in eight of the ten sports in which the rivals meet.

Baseball

Boh Adams' nine came through with a great victory over Lafayette on May 17 in the third and deciding game of the series after a rather hectic battle. In fact all three games this year teemed with excitement and were practically either team's until the last man was out. After having the first game safely tucked away, Lehigh went down to Easton for the second and played just about the poorest nine innings of the season, losing 8 to 9. So when Lafayette came back up to Taylor Field for the final fracas, the Brown and White team was raring for revenge, most of which came in a big fourth inning when a volley of hits and a couple of Lafayette errors sent two pitchers to the showers, giving the home team a 6 to 1 lead. It looked like an easy game but in the "lucky" seventh, Lafayette got to Captain Mort. Strauss, who was doing the hurling for Lehigh and scored four runs and then again in the ninth they flared up and had the bases full when the game ended with the score 8 to 6. So this year's team succeeded in doing what those of the preceding few years did not do.

After defeating Lafayette in the first game of the series, the team lost to Villanova 4 to 7, then to Lafayette as related above, and then to Penn at Franklin Field. The latter was a tough game to lose. After getting a four run lead, the Lehigh pitchers couldn't hold Penn in check partly because of numerous infield errors by their teammates, and the game ended 14 to 8 in Penn's favor. Both teams got an even dozen hits of which Al. Ware, the big sophomore, made a homer, a triple and a single.

| | Opp. L.U. |
|---------------------------|-----------|
| April 5—Ursinus | 7 8 |
| April 9—Haverford | 1 15 |
| April 12—Rutgers | 1 0 |
| April 16—Princeton | cancelled |
| April 19—Navy | 10 8 |
| April 21—St. John's | 9 8 |
| April 22—Fordham | 9 3 |
| April 23—Army | 9 3 |
| April 26—C. C. N. Y. | 2 11 |
| April 30—Rutgers | 2 8 |
| May 3—Lafayette | 7 11 |
| May 7—Villanova | 7 4 |
| May 10—Lafayette | 9 8 |
| May 13—Pennsylvania | 14 8 |
| May 14—Muhlenberg | rain |
| May 17—Lafayette | 6 8 |
| June 6—Muhlenberg | home |
| June 7—Villanova | home |



Seligson registering his fifty-fifth consecutive victory in intercollegiate matches.

Tennis

Coach Dr. Carothers' tennis team concluded what has probably been the outstanding season in Lehigh tennis history with eight victories and four defeats. Among the teams that were beaten were Penn, Columbia, Cornell, Rutgers and Lafayette while defeats were suffered at the hands of Princeton, Yale, Swarthmore and Dartmouth. As far as can be ascertained this is the first time a Lehigh tennis team has beaten Penn.

Captain Julius Seligson has probably established a record which will stand for all time, even if he may not be fortunate enough to regain the intercollegiate title. In this year's dual meet season he has won every match in straight sets and only two opponents, Strachan of Princeton and Nannes of Rutgers, were able to carry him into extra games in the first set. What is probably more significant is his all-time record in college matches in which he has yet to taste defeat, having extended the streak of consecutive college wins to 56.

| | Opp. L.U. |
|-------------------------------|-----------|
| April 12—Muhlenberg | 0 9 |
| April 26—Swarthmore | 7 2 |
| April 29—Washington & Lee.... | 4 5 |
| April 30—Lafayette | 4 5 |
| May 2—Yale | 7 2 |
| May 3—Princeton | 7 2 |
| May 6—Columbia | 4 5 |
| May 9—Haverford | 1 6 |
| May 10—Cornell | 1 8 |
| May 13—Penn | 2 7 |
| May 16—Rutgers | 3 6 |
| May 17—Dartmouth | 5 4 |

Track

The track team has a fifty-fifty record for the season just concluded, the defeats including one by Lafayette, sorry to say. Probably the outstanding feature of the season has been the work of the three principal sprinters, all of whom are football backfield men, which is a very significant fact.

The star of the team is Mort. Lamb, one of this trio, who twice negotiated the 100 yard dash in 9 3/4 seconds, once officially and once unofficially. This ties the Lehigh record established by former Captain Joe Carol of the Class of '24. The occasion of the official timing was in the Lafayette meet on the upper field while the other time was down at Rutgers, where one watch failed to record this time so the judges would not recognize it. But more than this, Lamb has a perfect dual meet record in both sprints, having won the two dashes in every Lehigh meet this season.

This year's freshman squad looks like the best seen around Lehigh in years. They beat both Lafayette and Rutgers without much trouble and have some men that are already of Varsity calibre.

| | Opp. L.U. |
|-------------------------------------|-----------|
| April 12—Dickinson | 43 83 |
| April 26—Penn Relays (didn't place) | |
| April 30—Swarthmore | 62 64 |
| May 3—Rutgers | 66 60 |
| May 9—Haverford | 69 56 1/2 |
| May 14—Muhlenberg | 44 81 1/2 |
| May 17—Lafayette | 79 46 1/2 |

Lacrosse

The lacrosse team maintained the clean slate of Lehigh against Lafayette in this sport, winning the annual game 5 to 1. This was one of the really bright spots to an otherwise rather disastrous season. The team won only two out of seven games, although the schedule did include several of the strongest teams in the East.

The Lafayette game was played in a pouring rain but our attack was able to function on slippery turf as well as dry sod; in fact, it looked a lot better under such conditions than it did under fair skies. Perhaps a few games in the rain would have given the campaign a different complexion. The final game was played in New York against N. Y. U., the latter winning the decision 5 to 3 after a close fight.

Captain Dex. Bullard was easily the star of the team. He was personally responsible for well over half the scores and on several occasions carried the ball right into the goal single handed.

| | Opp. L.U. |
|------------------------------|-----------|
| April 5—Swarthmore | 2 4 |
| April 9—Oxford-Cambridge ... | 4 2 |
| April 12—Stevens | 6 2 |
| April 26—Princeton | 6 4 |
| May 3—Rutgers | 8 2 |
| May 10—Navy | 6 1 |
| May 14—Lafayette | 1 5 |
| May 17—N. Y. U. | 5 3 |

"Dear Dad"

Letters of a Lehigh Senior
and His Lehigh Father



Dear Dad:

Even though this is my fourth year around here, tonight was the first time I really ever heard any of the Bach Festival down in the chapel. I mean it is the first time I stopped to listen to it for any length of time. We went down to the first show at the movies and when we came up the hill on the way home, the evening session had just started. Humpy and I decided we needed some culture now that we were about to graduate, so we spied one of our concrete lab. gang who was ushering and he let us in. He had to, because he always borrows our lab. reports. A lot of other people came in after us and we couldn't get out until it was over. So here it is after eleven, but I haven't anything else to do but write this letter.

Did you see in the paper the other day where the tennis team took Penn over? I think it was the first time in history. Penn acted like a bunch of soreheads. Our fellows said that after we had the match sewed up, Wallace Johnston, their coach, got so sore he walked off the courts. You have probably heard of him; he was one of the leading players in the East not so long ago. Carothers says we won't have them on our tennis schedule any more. Gee, I hope we can beat them in football next Fall. We came near doing it last year and now that our team realizes that they aren't so hot, we may be able to do the job this year.

The Dean's got me on his clear list for graduation. Of course I knew all along that I was O.K. but sometimes they get things mixed up down in that office, especially when you make up work in summer school like I had to do with English. Of course I have to pass this term's work, but most of my courses are in the civil department and I rate pretty solid there, so you and Mother can get ready to come up for graduation without any fears that I won't get my Dip. I do have to have \$10 for a graduation fee, though, before I can get it and I still owe that five bucks for alumni dues. I know your last check was supposed to include this but house parties cost more than I expected, so I'm just about broke again. You wait and see how many of our gang pay their dues for next year, before graduation. I'll bet we'll be able to show up a lot of the older classes, even those as far back as yours.

You'll have to bring Mother along for Alumni Day this year. You always used to leave her home because you said this was one time and place women weren't

in the picture, but I know she'll want to be here for Baccalaureate Sunday, which is the day after Alumni Day, and you can't ask her to come by herself after you're already here.

Finals start next Thursday and I'll be through with mine by the following Tuesday. This means I'll have a long wait around here until graduation, but I think I'll stay and see what it feels like to have nothing to do. Besides I have a lot of things around the house I want to get finished up before I leave. Even though I turned over the management of the house to Dick Alcott several weeks ago, I want to make sure that everything is running O.K. before I go for good. Of course I may be in town next year, because a lot of the fellows who go with the Steel Company stay at the plant here.

Love to all,

FRANK.

Dear Son:

If you stayed around Lehigh for five years more there would be some danger that you would become inoculated, through exposure, with the germs of an education. Here on your own campus the most famous community chorus in America performs every Spring. It is a question as to whether there is anything abroad which can compare with it. Certainly many cultured Europeans have proclaimed this Bethlehem Bach Choir to be unique and with no real rival at home or abroad. It has taken you four years to discover this and required a crowd jam to prevent you from escaping when, by accident, you won a privilege hundreds of music lovers would pay dear to secure. I reckon you were right when you picked engineering as your profession.

Your remarks about Penn gave me a wonderful kick. You see, in the dim dark past, when I attended Lehigh, Lafayette had not yet grown to be our dearest enemy. We were cocky enough to think that Penn was the baby we were born to spank. We succeeded just often enough in football and baseball to make us believe they were our real rivals. Of course they did not know it. They hoped that Princeton or Yale would recognize them as the fair-haired boys. When this hope died aborning a scrap between Harvard and Princeton (they've always fought, these two) gave Penn a Harvard game and stirred up fond hopes of a Harvard rivalry. But the years have passed and Penn has never found a real rival. Lehigh has been luckier, for the Lafayette rivalry

has become one of the classic enmities of the college world. By the way, I notice we trimmed them in the third and deciding game of baseball. This has sure been a Lehigh year. If my memory serves me right, we have taken them in football, soccer, wrestling, swimming, basketball, lacrosse, tennis and baseball. Too bad you can't graduate every year.

You are all wet when you say I'll "have to bring Mother along for Alumni Day this year." I am not bringing your mother. She is bringing me. If you think a mere Lehigh alumnus trots in the same class with the mother of a Lehigh Senior who is about to graduate you have another think coming. I have nothing whatever to do with the pilgrimage to Lehigh this June. I am coming, of course. I have my orders. I know exactly when we start. Outside of that I know nothing and I have no plans. I think I will wear a high hat and a frock coat so the gang won't recognize me as I walk sedately beside your maternal ancestor. I expect to go to Baccalaureate sermons, class day exercises, President's receptions, Junior Proms (if you have such things nowadays) and Commencement exercises.

Not one of these important festivities has had the honor of my presence since I graduated several centuries since. But I won't miss a bet this year. I am sure of this for as stated before I have my orders. I'm one of the wise guys who knows how to manage his wife.

I am now sitting before my check book trying to realize that this is the last (?) check I will have to draw in your favor. It is a solemn moment. Memories of the bills I owed in my Senior year float before me. Thoughts of the English composition that I achieved in my letters to your grandfather make me feel that the English Department never really realized my ability. Perchance a literary genius was submerged in the steel business. At any rate my letters finally drew forth a check which actually squared every dollar I owed.

Son, it is not your scribbling ability but my memory that is to blame for the foolish figures on the enclosed check. I'm thinking of the old flag-pole and clustered black gowns of the graduates and the fresh young voices singing—
"Where the Lehigh's rocky rapids
Rush from out the West."

From one alumnus to another—

Good Luck,

DAD.



About LEHIGH MEN

OBITUARIES

Alexander Bell, '79

Alexander Bell died on Feb. 9, 1930, after a very short illness. Mr. Bell was associated with Barclay's Bank, Ltd., Exeter, Devonshire, England. Bell is survived by his wife.

H. S. Jaudon, '95

Henry Scudder Jaudon died Feb. 9, 1930. While at Lehigh Jaudon was prominent in extra-curricular activities. He was graduated from Lehigh as a civil engineer and was a member of the Alpha Tau Omega fraternity.

L. B. Sheen, '14

Lewis Burleigh Sheen died from pneumonia on May 3, 1930, at Hillsdale, N. J. At the time of his death, Sheen was rector of Holy Trinity Episcopal Church, Hillsdale, N. J.

R. C. R. March, '26

Robert Carl Richard March died April 30, 1930, from septic poisoning induced by sinus in the New York Hospital. March was an engineer for the Bell Telephone Laboratories. While at Lehigh he was a member of the E. E. Society, the Rifle Team, and was a member of the Sigma Iota fraternity which later turned national. He was graduated with the degree of electrical engineer.

MARRIAGES

Class of 1921

LeRoy F. Christman to Dorothy Scholl on Dec. 26, 1929, in Reading, Pa. Mrs. Christman was graduated from Penn State in 1923. Mr. and Mrs. Christman are at home at 101 Eudenia Ave., Mt. Penn, Reading, Pa.

Class of 1924

George C. Heikes to Ruth M. Chapman, daughter of Mr. and Mrs. Harry D. Chapman of New York, on January 15, 1930.

Edward K. Thompson to Doris S. Easton of Fall River, Mass., on Feb. 20. After a wedding trip to the West Indies, Mr. and Mrs. Thompson will be at home at 4403 Centre Ave., Pittsburgh, Pa.

William W. Springsteen to Mary Bicknell of Detroit at New York City on April 22, 1930.

John J. Shigo, Jr., to Camille Seiler at Greenwich, Conn., on May 17, 1930.

Class of 1925

J. Porter Langfitt to Betsy Neal of Parkersburg, W. Va., on Oct. 29, 1929.

Class of 1926

Edmund W. Andrew to Evelyn M. Davis, of South Ardmore, Pa., on May

3, 1930. After a short honeymoon trip, Mr. and Mrs. Andrew will make their home in Bethlehem.

Class of 1928

Harold K. Dotter to Mary A. Bowe, daughter of Mr. and Mrs. John J. Bowe of Bethlehem, on April 22. Mr. and Mrs. Dotter will make their home in Johnstown where Mr. Dotter is connected with the Johnstown plant of the Bethlehem Steel Co.

Clutou F. Heil to Mazie C. Bodder, daughter of Cyrus Bodder of Bethlehem, on May 6, 1930. Mr. and Mrs. Heil will be at home at 551 Russell Ave., Johnstown, Pa.

BIRTHS

Class of 1923

To Mr. and Mrs. L. H. Van Billiard, a son, Russell, on April 10, 1930.

To Mr. and Mrs. Alfred W. Johnson, a son, Alfred William, Jr., on Jan. 6, 1930.

Class of 1924

To Mr. and Mrs. J. C. Kitchen, a girl, on April 10, 1930.

Class of 1927

To Mr. and Mrs. John A. Shartle, a girl, Joanne Camille, on March 13, 1930.

Class of 1928

To Mr. and Mrs. Louis Schreiner, a girl, on April 21, 1930.

PERSONALS

Class of 1876

W. L. Raeder, Correspondent
713 Quincey Ave., Scranton, Pa.

I have recorded some of the contributions that '76 has made to Lehigh in the past. Now I am happy to record a contribution she makes today. I refer to the handsome gift of his personal library which Dr. C. W. Macfarlane has presented to Lehigh. If you read your last *BULLETIN* as you should, you already know what a magnificent collection the Macfarlane library is. But I am privileged to give you, below, the photograph of the '76 man who thus upholds our proud tradition. I wonder if he recalls the joyful repartee always "on tap" around the mess table in old Christmas Hall and the suggestive "Hiram Hall" posters which graced the walls of the Mess Hall on one occasion?

Perhaps my suggestion "on tap," may be misconstrued. Hence, let me interpolate, it is just a figure of speech.

S. Mason Bines' address is still 101 to 107 South Second St., Harrisburg, Pa.

Jack Calvert is still at the old address on Sansom St., Philadelphia, a Low-



DR. C. W. MACFARLANE, '76

don W. Richards, at West Chester, Pa., Walter P. Rice, Crawford Road, Cleveland, while "Billy" Raeder, your correspondent, is holding the fort at Scranton, Pa., deep in the mysteries of bread and butter with sometimes a little pie, planning a fishing trip for "Buck," and last but not least, coaching the above wheel horses for a rousing reunion for '76 in '31, our 55th. How about it, fellows? Let it come to me in unison, "So say we all of us, so say we all!"

Class of 1885

R. H. Wilbur is Vice-President and General Manager of the Lehigh and New England Railroad. He has an office at 1421 Chestnut St., Philadelphia. He resides at Old Stone House, St. Davids, Pa.

J. M. Hess is Treasurer of the Mauch Chunk Silk Co. and President of the Mauch Chunk Trust Co., both in Mauch Chunk, Pa. His mail should be sent to 110 Broadway, that city.

Class of 1886

Theodore Stevens is now President of the Overhead Lines Association, in England. The London *Times* reports a recent meeting called by him with the Councils for the Preservation of Rural England and Wales, for the consideration of how electrification of rural areas might proceed with as little harm as possible to the amenities of the countryside. The Association originated as an outcome of certain correspondence written by Mr. Stevens in the

Electrical Press, so he is rightly regarded as one of the originators of this significant cooperative movement.

Class of 1889

INFORMAL REUNION, JUNE 7, 1930

According to our usual custom, '89 will hold an informal reunion this year. We will help Moffatt celebrate his birthday at the annual class breakfast, Saturday morning, June 7, at the Hotel Bethlehem. All members of the class are most cordially invited to attend the breakfast (better halves included) and to participate in the other interesting features of the Alumni Day program.

Class of 1890

40-Year Reunion, June 6-7, 1930

H. A. Foering, Correspondent
828 W. Broad St., Bethlehem, Pa.

Forty-four years ago next month, a small group of youths lay sunning themselves outside of the Chemical Laboratory, waiting for the hour when the entrance examinations for admission to the freshman class of Lehigh University would begin. That group was the first evidence of the Class of '90.

On the seventh of June next, this class celebrates the fortieth anniversary of its graduation. Of the original one hundred and twenty in the class, thirty have signified their intention of returning—thirty out of an active class roll of fifty-six.

A banquet for forty, with provision for wives, has been arranged to take place at Hotel Bethlehem, Saturday, June 7th, at 7:00 p.m.

All come!

Class of 1891

Walton Forstall, Correspondent
Broad and Arch Sts., Philadelphia, Pa.

At least two of our number are anxious to help me out in the matter of Fortieth Reunion program. Curiously enough, each suggests the other for the principal part. Patterson writes: "Have Paul Honeyman give us a talk on 'The Relative Merits of Altmont Springs and DeLeon Springs at Fountain of Youth,'" and explains that our Paul is still able to play 36 holes a day. Honeyman recommends that Patterson explain the increase in his vocabulary due to motor-boat trips with Silent Cal. It appears that Patterson has three or four high speed boats at his winter home in Florida, and they go so fast that Cal is not able to say more than one word per mile. When we were all youngsters together at Lehigh, we did not dream that one day one of our number would sit side by side with an ex-President, while houncing over the waves at breath-taking speed.

J. Z. Miller hopes to be on hand for Alumni Day. Soon after, he sails for France to "join an archaeological party which will spend the summer in the different countries of Europe, visiting the principal stations of prehistoric man, and doing some excavating." He might try to uncover some of our class that have disappeared from sight. He is also reported to go around with a pocket full of semi-precious stones. Here's an invitation to distribute some at our Fortieth.

Class of 1893



Guillermo E. Jimeno

This photograph of the Chief Engineer of Cartagena, Colombia, was taken in front of his office. Signor Jimeno is one of the most prominent engineers in South America.

Class of 1895

35-Year Reunion, June 6-7, 1930

C. F. Townsend, Correspondent
405 Temple St., New Haven, Conn.

'95

SEVENTH REUNION

RAH, RAH, RE, RI, '95—LEHIGH

MAY 7, 1930

We all appreciate the work Bob Taylor has done in carrying on the arrangements for this forthcoming reunion and let's show our appreciation by being present at the roll call which we trust is not going to be the last one by any means, even if we are reminded that we are getting old.

According to the home addresses, there are seventy-five fellows who should journey to Bethlehem this June, and twenty-three who are a great ways off and who might not be expected to show up for this reason, but we anticipate that even some of these will have an urge to surprise us at the last moment. For the fellows who cannot really make it, we hope that they will individually send in a little life history to be read at the banquet as suggested by "Okey".

Come back this once if you never come again. You will be surprised and pleased with the material advancement on the campus which you are urged to view about the first thing you do before the big show begins.

There will be a big noise and lots of talk. We are going to have just as much fun at our banquet as we did (and who can forget) at any of our class banquets in our college days, and that's saying a lot; it will not, however, be like our Freshman Banquet, where, if you weren't dragged home, you dragged someone home. No! no! we don't need any "likker" for a self-starter this reunion any more than we did at our last reunion, and that one had the pep of pre-Volsteadian days and

you awoke the next morning with a lasting memory of everything that happened the night before. Tell that to your grandchildren.

For those of us lambs who were shorn too close in the stock market last Fall, or otherwise, and think that we cannot stand the expense, we have a relief fund—which our banker, Bob Taylor, calls the *Quid pro quo* fund, so we can write to him, an entirely confidential arrangement, and we will then have no excuse for staying away.

Last call. Everybody aboard. "This will be our last big Reunion. Let's make it the best in our history."—Okey.

Class of 1896

W. S. Ayars, Correspondent
410 Engineering Building
Broadway at 117th St., New York City

A letter received from Buck reminds me that all copy for this column should be in his hands by the 12th of May. Today is the 9th, and the 12th being Monday, it might be a good idea to get the job under way. This is going to be hard because there is the usual scarcity of '96 items; though, of course, you might say, for that very reason, that it is easy.

Sammy Dessauer is president of the First and Farmers' National Bank and Trust Company of Montrose, Pa., which is now common knowledge to all of '96 who read this column—and who doesn't? What I have been able to dig up on my own account is merely that I have twice recently had the pleasure of breaking bread with good '96 brethren. The first was Joe Siegel, who lives an easy walk from my office at Columbia; the second was Arthur Wamrath, whom I do not recall having seen before since undergraduate days. Arthur lives 'way out in the suburbs and has now reached that happy combination of age and success where he can come into town or not, just as he sees fit. The lunch we ate, just the two of us, was located—or eaten—at the Union League. Either Arthur was a trifle late or I was a trifle early; anyhow, I had to wait a while, and used the time in looking over the members who were sitting around in the lounge. When Arthur appeared, I asked him if it was a condition of membership that the candidate not only be a stalwart Republican, but also be at least 50 years of age. He replied that he didn't know that there was any minimum age limit; but one thing that gave this club a great charm in his eyes was the fact that it was one place where he could go at any time, and feel that he was a pretty young man, after all. Our luncheon was a protracted, enjoyable affair, and there was plenty of conversation. This, however, was of a highly personal nature. Arthur looks well and is the head of a large and prosperous business; that, like the rest of us, he doesn't look his age; that he is the same good fellow he always was; and that I, for one, having now got in touch with him, do not intend to wait another 30-odd years before I see him again.

My meal with Joe Siegel and family was a dinner, and a very pleasant one. Mrs. Joe presided, and two mighty good-looking young sons were also present. Joe is in the hosiery business, and it did not appear that recent slumps in prosperity have hurt him very seriously. After all, the ladies, God bless 'em, must wear silk stockings, and they wear out

just as fast in lean years as in fat ones. I couldn't stay nearly as long as I would have liked to, because it happened to be one of those evenings when I have an "Extension" Class. But the next time I visit Joe and family, I mean to go early and stay late. Joe is quite as fine a host as Sammy Dessauer—and what more can I say than that?

It won't be very long until Commencement comes along, and, like all good '96 men, and especially as a member in one more or less good standing of the "Back-Every-Year Club," I hope to be there. And this is a pretty good opportunity to bring before all of '96 that it is time for all good men to arrange their schedules so they can get back for that annual dinner in the '96 Room. It will be only one more year before our 35th anniversary, and the necessity for preparatory talk about that joyous occasion is a very good excuse for your coming around in June next.

I haven't done any reading in modern Physics this past month. My only intellectual dissipation has been to listen to a very interesting lecture by the famous Dr. Adler, of Vienna, a visiting professor at Columbia this year.

Class of 1897

J. H. Pennington, Correspondent
McFarland Foundry & Machine Co.,
Trenton, N. J.

How times and customs have changed! A quarter century ago, it would have been considered pure assninity for a '97 man to turn down a free lunch, no matter how much it cost. On April 25, however, I again aggravated an astigmatism by looking for other '97 men at a free lunch, or, as ladies were present, luncheon, given by the University. It was a very good luncheon too, and my acquaintance with the steward made it doubly interesting for me, in quantity, at least. There were a lot of "Old Timers" there. In fact, more classes earlier than '97 seemed to be represented than those of later years. The only discouraging thing about it was the absence of '97 men.

As a more or less side issue to this glorious luncheon was the dedication of the new library.

It will be quite a while before I am rid of the aches due to spending three weeks on the lacrosse field. While I have a few marks, carved on my robust physique some thirty-five years ago, I now have, in addition, a few placed by the present and softer generation in carefully selected spots which were overlooked by my contemporaries of earlier days.

I take back that "softer" charge. If anyone expects to find the present day bunch of battlers of the mollicoddle type, he is mistaken. During my first hour on the field, a mighty nice chap in his sophomore year, apparently, had an eye put out. This was discouraging enough, and it prepared me for my own punishment later. However, I am still here and expect to be on the campus on Alumni Day.

How about the rest of you birds? Will you be around on June 6-7? That is the time when we see our class numerals in bright letters on the screen, showing '97 among the first ten, or, as they call it, the Honor Roll. The reason for this honor, as you probably know, is the very simple one of having class dues etc., paid by a larger proportion of the class than a lot of other classes have.

So simple as to seem ridiculous, yet a lot of classes outside of '97 and nine others, never attain that happy state. Confidentially, we were number ten last year.

I have information, through underground sources, that "Kid" Brady has returned from Mexico City. Wonder if he saw Sallardo when there.

"Young Pop" Merriman is reported to be spending a few weeks in my home town of Trenton, this Spring, taking part in the "Battle of the Delaware," which may or may not decide what proportion of the head waters of the Delaware River is to be diverted for the use of New York City. I hope that Pop wins his case, even if we do go dry in Trenton.

Class of 1900

E. A. Yellis, Correspondent
405 W. Broad St., Bethlehem, Pa.

The secret for getting responses has been found. Commit an error of omission and the fact will be called to your attention. Several letters have been received stating that the date of the 1900 reunion was not mentioned in the letter sent to the members. Maybe the fact that June 7 was not mentioned was to save both labor and ink. We felt certain that every Lehigh man knows that class reunions are always held on Alumni Day and that 1930 Lehigh Alumni Day will be on June 7, 1930.

Morrow Chamberlin plans to get to Bethlehem on Friday, June 6.

Andy Brice, Paul Starkey, Charles Gross and a large number of others are expected to return.

A card from "Tobe"—"Dear Shorty: Here in London on the way to Northern Rhodesia. Sorry can't be back in time for our 30th but will not forget to have one on the gang the evening of our reunion, provided there is a 'pint' available."

Class of 1902

A. A. Diefenderfer, Correspondent
725 W. Broad St., Bethlehem

The end of the year 1929-1930 is at hand and 1902 has very seldom broken into the news column. This month we announce that Walter Savage Landis has addressed the American Institute of Chemists on "What do we Expect of the Chemist?" We are all sure that Walter told them plenty about this score and that the chemists would be glad to hear how many new expectations Walter could enumerate.

Otherwise the men of 1902 have not done anything startling. I am hoping that some will find time to get around to the campus on Alumni Day. Those of us who are here habitually will be glad to see them and I am sure the progress made here since the 25th reunion would startle and please all who come. In this connection, I hope each and every man who can will pay his Alumni Dues and make an extra payment to the Alumni Fund. This is certainly a fine way of doing something for your Poster Mother. If you were here to see the results such payments yield you could hardly refrain from doing your bit. I am sure just one trip through the new Library would repay each one a hundred-fold for any sacrifice made to pay this Fund.

Class of 1903

S. P. Felix, Correspondent
Schaff Bldg., 15th and Race Sts.,
Philadelphia, Pa.

It has been hard pulling, but as the news will indicate, we are back in our column once again.

The persistency with which Nick Heck continues to wrestle with earthquakes would please our old friend, Doctor Ringer, and his famous proverb "Geduld gewinnt Alles." Nick recently delivered a lecture at Swarthmore entitled "Earthquakes—a Challenge to Science." It was the same lecture made at Des Moines, Iowa, a short time previously.

Whit (you notice "H" is not omitted) Tunstall says he would "Like to see something in our column from those not heard from for years. There's Saucedo, whose article in *Engineering News* I read. Where is Castellanos? What's become of Geo. Lewis? Why has Spinoso not written you a line, and what of M. A. Walker?" We can only add—"Check, and double check!"

Dyer Smith, Kings Bench Walk, Temple E. C. 4, London, will have a pleasant visit from Art Frick, who sailed in April with his youngest son for England. "Do you think one pair of spats will do?" Search me, Art—they were wearing guns when I was last over there!!

Lord says he always looks for the 1903 column, but has no news to contribute. He is still holding out at Kansas City. Nick Heck gave him a "hello call" on his way to the Iowa Earthquake.

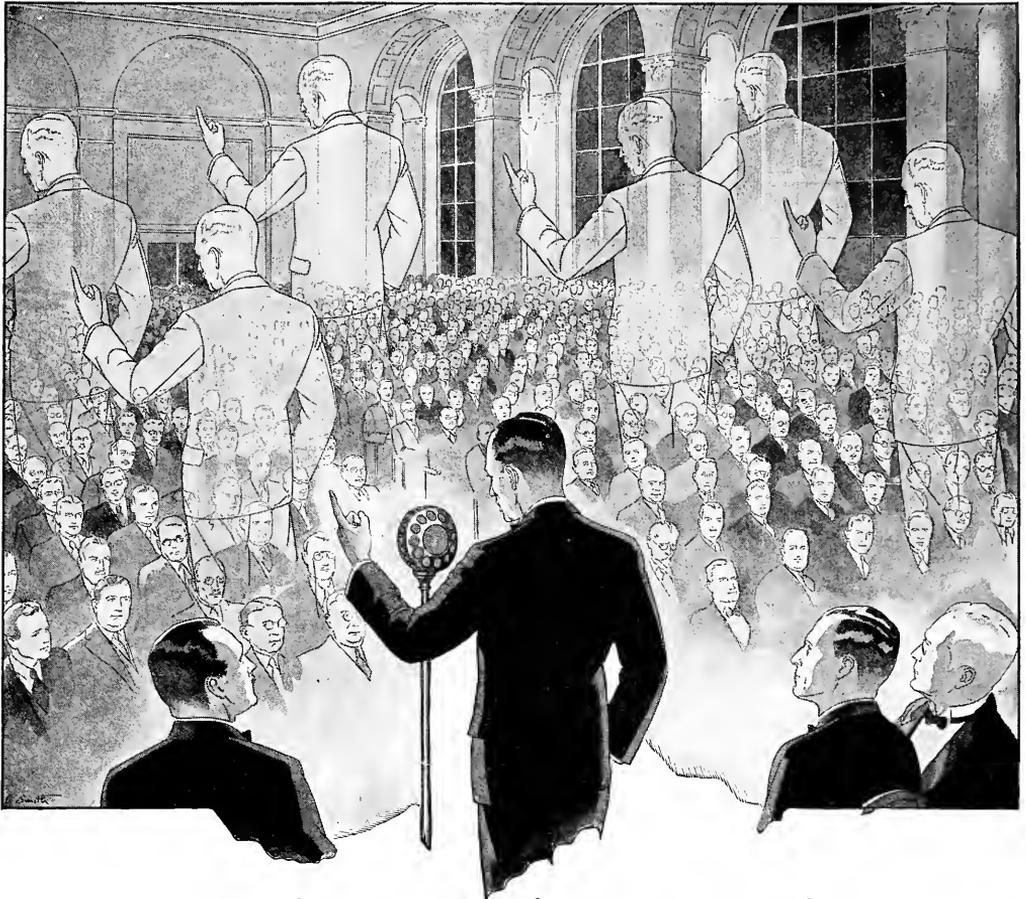
We were pleased to have a call from Raymond Hunt on a recent visit to Lansdowne. Prosperity is still hanging on Ray's coat-tail!

In answer to your prayer, Whit—Spinoso tells us of his pleasure in reading this column, and is a bit remorseful in not being a more active contributor. Has a son at Cornell, a Sophomore, taking an Academic Course, and *not* Engineering, otherwise "AV" says he would have been at Lehigh. Thanks, old man, for your initial contribution.

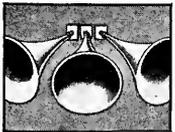
Here comes George Stull with another contribution: "I haven't a darn bit of news for you, but I suggest you stop talking about scarce business when all the newspapers say that business is good. It might be considered no news to tell you that I lately spent a couple of days with Al Glancy looking around that automobile shop he is running out in Pontiac. You may be surprised to know that it is a right smart and orderly shop for a boy to play with."

The President of the Packard Electric Company comes to bat as usual with a report of attendance at the Northern Ohio Lehigh Dinner at Cleveland. "Pop" was particularly impressed with the Dean's remarks as to the highest scholastic standing of Lehigh, not only in the Engineering Courses but in the Business Administration and Arts Courses, as well. "It surely did make us all very enthusiastic about the present and future Lehigh."

George Goodwin wrote me one of his usually peppy letters which I treasured for this column and then, unfortunately, it was mislaid. I am sorry, George. An article under his name appeared in a recent issue of *Southern Hardware* entitled "How the X Company 'Keeps' Tools."



Everywhere at the same time!



Public Address System brings speaker right to you — The speaker rises—and the Western Electric installation in the huge room transforms him into a score of speakers! No matter how far away from him you sit, his every word comes to you as distinctly as though he stood right beside your chair.

Committees arranging banquets or conventions find that meetings are more interesting and effective when held in hotels where the Public Address System widens the hearing circle.

This equipment is a miniature interior broadcasting station, transmitting

speech, music and entertainment *within* a building—to as many rooms as desired. Patrons of hotels thus equipped find an added attraction in getting music "on tap" in their rooms via loud speaker.

In up-to-date schools, hospitals, railroad stations and amusement parks, too, you will find the Public Address System adding to convenience and enjoyment. Made by your telephone makers, it assures the faithful tone and dependable service for which Western Electric sound transmitting apparatus has been known for over half a century.

Western Electric

PUBLIC ADDRESS SYSTEMS

Distributed by Graybar Electric Company



MADE BY THE
MARKERS OF YOUR
TELEPHONE

Class of 1906

H. H. Lauer is now assistant chief engineer of the Atlas Cement Co., 222 W. Adams St., Chicago. This company is a subsidiary of the U. S. Steel Corp.

C. F. Gilmore is with the Ketchum Advertising Co., Koppers Bldg., Pittsburgh, Pa. N. G. Smith says he likes the change from managing editor of the *Pittsburgh Press* and is putting on some big advertising stuff in Cleveland, Ohio.

B. T. Root can be reached in York, Pa., R. D. No. 7.

Class of 1908

W. D. Sanderson, Correspondent
706 Liberty Bank Building,
Buffalo, N. Y.

G. H. Hoppin is now at 199 St. Mark Place, Staten Island, N. Y.

F. T. Leilich's mail address is 2611 Chelsea Terrace, Baltimore, Md.

R. L. James has moved to 24 South Second St., Harrisburg, Pa.

A. N. Van Vleck gives his new address as 370 Lexington Ave., New York City.

Your correspondent visited the campus during a recent motor trip through the East, and, like everyone else, was overwhelmed with admiration of the many changes which have taken place. Everyone who can possibly spare the time will be well repaid for the trip to "Old South Mountain" on Alumni Day.

Class of 1910

M. L. Jacobs, Correspondent
837 Tioga Ave., Bethlehem, Pa.

Well, gang, we are all set. Charley Gosztonyi has sent you the latest news. You simply cannot afford to miss this reunion. Everyone I have seen, no matter where, has signified his intention to be here. All your old friends will be on hand. Do not overlook this golden opportunity to renew your youth.

Some time ago someone called attention to a good poker hand that he had fathered. Zip Lawson kicks in with four queens and three kings and wants to know who can beat that.

Reds Burrell may be found at the Wardman Park Hotel in Washington. I hope to see him soon.

T. P. Hess now lives at 80 Burlingame, N. E., Detroit, Mich.

Dr. Wm. J. Robbins, who has been on leave of absence from the University of Missouri, (he has been in Paris for the Rockefeller Foundation) has returned to Missouri and is now dean of the graduate faculty of the university.

Warren Van Blarcom is still operating the Aliquippa and Southern R. R. and lives at 104 Williams St., Aliquippa, Pa.

L. B. Cap. Treat is now living at Freeport, N. Y., where he may be addressed Box No. 416.

Bill Jackson lives at 1721 Compton Road, Cleveland Heights, Ohio.

Fellows, I wish I could impress you with the possibilities for a grand and glorious time if you will just forget everything else and turn up here some time early June 6th and stay as long as you can. The old town was never more hospitable and I know you will never have cause to regret your return. Just let us know if you can come so that we can make the final arrangements as to numbers.

Class of 1911

A. P. Spooner, Correspondent
1811 Sycamore St., Bethlehem, Pa.

A. R. Shaw has been located at Peekskill, N. Y., 401 Smith Ave.

"Bill" W. E. Fairhurst is Asst. Engr., Central Railroad of New Jersey, Jersey City Terminal, Jersey City, N. J. Bill's fast enough to handle the "Comet" or the "Bullet," but we think he still prefers to ride the "Queen".

"Swartzie" C. A. Schwarzwaelder, Captain U. S. A., is sure getting lots of practice in college. This month he finished up his special course at the University of Michigan. Our Army representative is co-author of an interesting article in *The Michigan Technic* on "The Civil Engineer in Air Transportation."

Last, but not least, don't forget we have to get in practice for our 20th Year Reunion. No better way than to be on hand at the Alumni Dinner, Friday evening, the 6th.

Class of 1912

Morton Sultzzer, Correspondent
A. T. & T. Co.
195 Broadway, New York City

Frank Youry is representing the Trucon Steel Co., of Youngstown, Ohio, in West Chester County. His office is at 9 West Prospect Ave., Mt. Vernon, and he lives at 9 Valley Rd., in Bronxville, not far from Birsall.

George Siegers is now with the Cahoblay Co., Inc., at 6 East 45th St., New York City.

Harry Otto is on the Board of Managers of the Lutheran Boys' Summer Camp on the Delaware, just above Shawnee. Harry played no little part in their recently successful financial campaign—maybe Bucky could use him.

With the reorganization of the C. and P. Telephone Co., along state lines, Clotworthy Birnie went with the Chesapeake and Potomac Telephone Co. of Virginia. He is in the Engineering Department at 11 South 12th St., Richmond, Va.

Class of 1913

R. T. Dynan, Correspondent
510 Eighth Ave., Bethlehem, Pa.

Lewis H. Koch, who received a Master's degree at Lehigh after graduating from the University of Pennsylvania, is with the Austin Co., 324 Freylinghausen Ave., New Brunswick, N. J. His residence is George's Road and City Line, New Brunswick, N. J.

T. T. Sun, who is with the Ministry of Railways, Nanking, China, sailed for his home from San Francisco on April 25. This item came to us from Dr. Drinker to whom Sun wrote bidding him good-bye.

A. P. Keasbey has been elected a Vice-President of the Heating Board of Trade of New York, N. Y.

J. Watts Mercur, Jr., who was formerly Secretary of the Bank of North America & Trust Co., Philadelphia, and more recently Vice-President of the Colonial Trust Co., Philadelphia, has become associated with Edward B. Smith & Co. in their stock department.

Class of 1914

J. O. Liebig, Correspondent
324 N. 15th St., Allentown, Pa.

Alumni Day is with us again. Why not take a few days to visit the old college? We have changes here to be proud of and worth your time for the trip. The Library and Packard Laboratory. The new Library and Packard Laboratory must be seen to be appreciated. Do you realize that there is a law that tells us only one man out of 100 starting at 25 is wealthy when he reaches 65 years; 54 are dead from the neck up walking around; 36 have passed away; 5 are comfortably situated, 4 enjoy a larger proportion of wealth and one is wealthy. You see your chances are slight for wealth, so you might as well broaden your knowledge and enjoy yourself at Lehigh on June 7. Even though we do not have a reunion this year, we must get in training for our 20th get-together.

We hear Henry R. Griffin is our big white coat and clean clothes man at Warwick, N. Y. President of Warwick Laundries, Inc. Ore dressing certainly has helped Henry with his flow sheet. Much success in cleaning Warwick, Henry.

Our modest Ray Protzeller is carrying on for Peale, Peacock and Kerr, Inc., at St. Benedict, Pa. Ray is General Superintendent we hear, and of course, the way Ray is headed we might be overlooking that by this time he may be the big boss.

W. J. Orr is now with Cochrane Chemical Corp., Danforth Ave., Jersey City, N. J. Tell us about yourself, William.

Our good friend and co-worker in Bethlehem, Walter Schrempel, has just returned from an extended tour of the south, principally North Carolina, where he visited Pinehurst and Asheville, great golf centres, but Walter simply rested. On his return he saw Professor "Pop" Richardson in Baltimore. Let's have some news, "Pop." As a parting word a little news just now and then from all of our 1914 men—would be greatly appreciated.

Class of 1915

15-Year Reunion, June 6-7, 1930

Carl E. Siebicker, Correspondent
1743 W. Union Blvd., Bethlehem, Pa.

As this copy goes to press there are exactly twenty-five members of the class who have answered our various appeals on the class reunion in the affirmative. We need about fifty more "Yes" men.

Pat Keyes yessed with a "wim and wigor" and a letter that gives us food for thought. We are thinking up an answer, Pat. Maybe we can find it at our annual meeting Saturday p.m., June 7th.

The following have said they will be here: Berg, Bodine, Blank, Buck, Butler, Crighton, Diven, Eschbach, Glesman, Kelchner, Keyes, Lentz, Lewis, Miller, Neide, Pazzetti, Priestly, Raine, Search, Stickle, Tanner, Wickersham, Wills, and Wood.

W. H. Willis writes and says he hopes we have a 100% representation of Metallurgists. How about it, Schuyler and Pinky Read?

Bodine says he's coming. Bring your voice along for the old song fest.



G. W. RITCHEY '93
 M. D. KIRK '06
 J. B. CARLOCK '07
 W. C. VAN BLARCOM '10
 J. GORE, JR. '12
 H. W. GRAHAM '14
 C. M. YOCUM '17
 H. K. BRADY, JR. '21
 W. E. DOUGLASS '26

J & L STEEL PRODUCTS
OPEN HEARTH AND BESSEMER STEEL

HOT ROLLED PRODUCTS

Billets Blooms Slabs Sheet Bars Skelp
 Bands Flats Hexagons
 Rounds Squares

Angles Beams Channels Tees Zees
 Agricultural Shapes Special Shapes
 Light Weight Stair Stringer Channels
 Plates for Bridges, Tanks, Boilers, Cars and Ships

RAILROAD SPIKES TIE PLATES
 Light Rails and Accessories

BARS FOR CONCRETE REINFORCEMENT
 Straight, Bent and Fabricated

FORGING STEEL

JALCASE STEEL
 Hot Rolled Cold Finished

COLD FINISHED STEEL
 Shafting and Screw Stock

Rounds Squares Hexagons Flats Special Shapes
 Pump and Platon Rods

JUNIOR BEAMS

STEEL PILING

FABRICATED STRUCTURAL WORK

Columns Girders Trusses
 Plate Work Tanks Steel Barges
 Mill and Factory Buildings

TUBULAR PRODUCTS

Standard Pipe Line Pipe
 Casing, Taping, Drive and Rotary Drill Pipe
 In Lapwelded and Seamless

WIRE PRODUCTS

Wire Rods
 Bright, Annealed and Galvanized Wire
 Spring Wire Barbed Wire Woven Fencing
 Bright, Coated and Galvanized Nails
 Fence Staples Netting Staples

TIN MILLS PRODUCTS
 Coke Tin Plate Black Sheets (Tin Mill Sizes)

COKE BY-PRODUCTS

J & L SALES OFFICES

ATLANTA BOSTON BUFFALO CHICAGO CINCINNATI CLEVELAND
 DALLAS DENVER DETROIT ERIE LOS ANGELES
 MEMPHIS MILWAUKEE MINNEAPOLIS NEW YORK
 PHILADELPHIA PITTSBURGH ST. LOUIS
 SAN FRANCISCO WASHINGTON

J & L WAREHOUSES

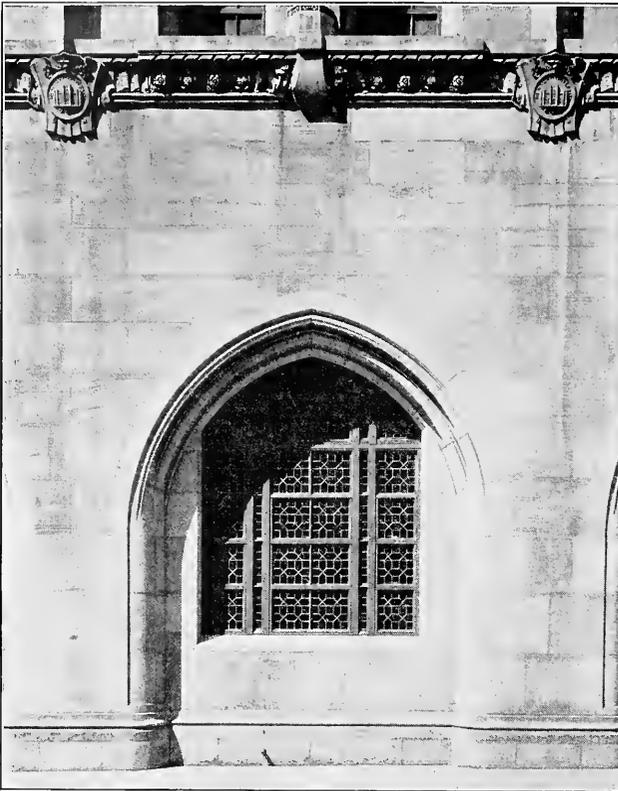
CHICAGO CINCINNATI DETROIT MEMPHIS PITTSBURGH

CANADIAN REPRESENTATIVES

JONES AND LAUGHLIN STEEL PRODUCTS COMPANY
 PITTSBURGH, PENNA., U. S. A. TORONTO, ONTARIO, CANADA

JONES & LAUGHLIN
STEEL CORPORATION

Jones & Laughlin Building · · · Pittsburgh, Pennsylvania



Detail, New York University Educational Building, New York City. James Gamble Rogers, Architect. Thompson Starrett Company, Builders. Henry Hanlein & Son, Cut Stone Contractors. VARIEGATED Indiana Limestone.

Your Opinion Counts!

Let your building authorities know the type of architecture you admire. Send for an illustrated brochure picturing beautiful college buildings

THERE is no substitute for natural stone! Architects realize this. In college and university, the tradition is age-long. Modern business now is following suit. Witness the beautiful modern towers of our metropolitan centers.

Indiana Limestone is by all odds the stone most widely used in this country. It is a limestone of finer quality than that of which the great cathedrals of Europe are built. Nature has provided an unlimited supply in southern Indiana whence it can be shipped economically to any part of this country or Canada.

The difference in cost between gen-

uine Indiana Limestone and other materials is small. Yet sometimes college building authorities are tempted to permit a substitute.

See that your new buildings are to have the enduring beauty which Indiana Limestone alone can give. Local stones rarely duplicate its attractiveness. To show you what a difference Indiana Limestone makes, we have prepared an illustrated brochure picturing modern collegiate buildings of this fine-grained, light-colored natural stone. Write for a copy. Address Dept. 1636C, Service Bureau, Bedford, Indiana.

INDIANA LIMESTONE COMPANY

General Offices: Bedford, Indiana

Executive Offices: Tribune Tower, Chicago

If Walt Berg wants to help he can get in personal touch with every 1915 man in his district and don't take no for an answer. Same to you, Len Buck.

One more plea! Please let us know at once whether or not you will attend. About one hundred members are unaccounted for.

Class of 1916

E. J. Clement, Correspondent
162 Belmont St., Floral Park, N. Y.

Sommy Johnston is the manager of the Portland Grain Exchange, which is located at 68 Fourth St., Portland, Ore.

Wendell Kuhn manages the New York branch of the Mohawk Rubber Co., 16 W. 61st St., New York City.

Jake Hagenbuch's residential address is 50 Bellair Place, Forest Hill, Newark, N. J.

Pop Heisler records a change in his home address from 1614 Wayne St. to 1713 Revere St., Harrisburg, Pa.

Doc Keiser now resides at 182 N. Arlington Ave., East Orange, N. J.

Bruce Jones' business address is 250 Park Ave., New York City, his home being in Rutherford, N. J., 50 Lincoln Ave.

Scoop Lancaster now lives at 58 Linard Rd., West Hartford, Conn.

Class of 1918

A. E. Buchanan, Jr., Correspondent
Lehigh University, Bethlehem, Pa.

Alumni Day is June 7. It's not our year, but there will be enough '18 men present to get up a suitable rendition of "Sweet Adeline," "The Eagles They Fly High," etc., in a manner that will show up the Bach Choir. The more the merrier. Obey that impulse, and if you don't see any of the '18 crowd when you hit Bethlehem, ask the first cop you meet where they are.

Here's a note from old Jim Humphrey, whose rosy cheeks we haven't seen for a long time. Jim tries to apologize, at this late date, for not sticking with us through the whole four years by styling himself a "sort of tramp member of '18." Hell's bells, Jim, we're all tramps together—that's why we get along so well.

I am rather a tramp member of '18—Probably if I had lasted the four years I would have a long list of world heating achievements to offer as news. As it is, I am not even married, and therefore cannot enclose snapshots of greying hair surrounded by a horde of gorgeous children (of course I would have had gorgeous children). Nevertheless I think a lot about Lehigh and enjoy reading BULLETINS, etc., even though I have an apparently discouraging way of applauding in silence.

Even though I am not married I am working hard at the Duplan Silk Corp. Rather a strange place for my original dreams of being a miner but then I live over a mine, breathe soot and listen to coal talk when home with Dad and my brothers, so perhaps I still am true to my early Lehigh training.

Best regards to you, Buck.

JIM.

Every once in a while "Davy" brings a chuckle in with the mail. The other day he handed me one all the way from India. It was a picture post card showing the interior of the beautiful pearl mosque. In the center, dwarfed by the magnificent pillars and arches, was a lone figure, robed in white, kneeling at prayer. On the back of the card I read: "Picture of me, one afternoon last November. It worked!! Jim." As you've probably guessed, it was from Jim Dodson, who is in Bombay, representing the Consolidated Pneumatic Tool Co., Ltd.

Class of 1919

J. W. Gardner, Jr., Correspondent
 % John T. Lewis & Bros. Co.,
 910 Widener Bldg., Philadelphia, Pa.

19 men are reuniting all over the country at various times. It is perhaps a good thing as our next real Get-Together will not take place until 1934. However, there will be a number of us back this June to assist the regular Reunion Classes to properly enjoy the occasion.

Two weeks ago H. D. W. Smith and Joe Gardiner met at Princeton when Lehigh played that glorious lacrosse team. Smitty did not look a bit different than he did the day he graduated except perhaps he was wearing a new suit. He was a trifle more serious and seemed to feel happy in his activities towards making the Rayon business bigger and better.

Andy De Vout is still in the Middle West, having moved from the Big City to a suburb, his new address being 512 N. Brainard Ave., La Grange Park, Ill.

E. T. Petrik has moved to what appears to be a somewhat more residential section of Chicago, his address being 20 N. Wacker Drive, Chicago, Ill.

W. F. Diefenderfer still likes Allentown—his new address being 1502 Walnut St.

Dr. Geo. Thomas did not care to lose any trade in Sunbury, Pa., so he moved up the street two or three doors to 250 Market St. I am sure we would like to know just what kind of a doctor George is, or at least what he calls his specialty.

G. R. Wagoner has moved to the City of Brotherly Love and will be located at 1666 Conklin St. I certainly hope he enjoys his stay in the City of Brotherly Love and that he will become an active member of the Philadelphia Lehigh Club.

Class of 1920

10-Year Reunion, June 6-7, 1930

Mercer B. Tate, Correspondent
 1510 Morris Bldg., Philadelphia, Pa.

Well, boys, we are all set for our Ten Year Reunion party.

On Friday evening, June 6, the general Alumni Dinner will be held at the Hotel Bethlehem at 7 o'clock under the auspices of the Alumni Association. Let's make it a real week-end by arriving in Bethlehem in time to attend this dinner, so that we can show the whole Alumni body that we still have as much interest as we had ten years ago.

At noon on Saturday, the usual luncheon will be served on the campus by the Alumni Association. At this time a picture of the entire group, constituting our reunion, will be taken, and we will see how many gray hairs and bald heads we have. Following this we will take part in the Alumni Parade to the stadium. Please be sure to bring with you white trousers and dark coats. All of us will have brown and white parasols displayed. After the parade and the presentation of the cups, there will be the usual athletic contests and on Saturday evening we will have our own private class dinner at the Hotel Bethlehem at 7 o'clock.

A headquarters for the class will be maintained over the entire week-end at 4th and Wyandotte Sts., opposite the

American Abrasive Metals Co.

(Founded by Wm. H. Sayre, '86)

50 CHURCH ST. NEW YORK CITY

FERALUN

[A patented combination of iron and abrasive grit]

To Prevent Slipping Accidents

Its peculiar properties make it the longest wearing, most efficient anti-slip material obtainable

— For —

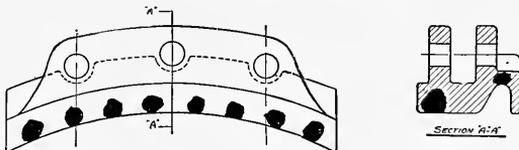
- | | |
|---------------------------|--------------------------|
| Floor Plates | Elevator Door Thresholds |
| Stair Treads and Landings | Coal Hole Covers |
| Door Saddles | Cover Plates, etc. |
| Car Steps and Platforms | |

For General Industrial Uses

Its extreme durability, when subjected to severe abrasive action makes it most useful and economical in a wide variety of fields

- | | |
|------------------|--------------------|
| Wearing Plates | Rabble Blades |
| Pug Mill Paddles | Liner Plates, etc. |

Brake Shoes for Mine Motors
 (Grinding and braking combined)



Side view and section of "FERALUN" BRAKE-SHOE showing where the Abrasive is placed

For Special Work—where Bronze or Aluminum is required

- | | |
|-----------------------------|-------------------------------|
| "BRONZALUN" | "ALUMALUN" |
| (The "Grit" Cast in Bronze) | (The "Grit" Cast in Aluminum) |

- R. S. EDMONDSON, '06, President
 G. P. BARTHOLOMEW, '06, Vice-Pres.
 WM. H. SAYRE, '21, Vice-Pres.
 AUSTIN B. SAYRE, '24, Vice-Pres.
 GEORGE C. HUTCHINSON, '34
 District Representative
 Farmers Bank Bldg., Pittsburgh, Pa.

ASHLAND COAL & COKE COMPANY

BLUEFIELD, W. VA.

OLD BEN COAL CORPORATION

| | | | |
|---------|-------------|-------------|-----------|
| CHICAGO | CINCINNATI | KANSAS CITY | ST. LOUIS |
| DETROIT | MINNEAPOLIS | OMAHA | NORFOLK |

Exclusive Sales Distributors

NO. 3 SEAM, POCAHONTAS, LUMP,
EGG, WASHED STOVE, WASHED NUT,
AIR CLEANED SLACK AND ROM

MINES AT

ASHLAND, McDOWELL COUNTY, W. VA.

W. A. RICHARDS, '17
President

H. D. SMITH, '08
Asst. to the President

Wyandotte Hotel; in rooms to be provided for the purpose we will be able to be alone and to talk over old times together and have an old-fashioned get-together party. Please be sure to call at the class headquarters upon your arrival in Bethlehem, so that you may be registered and so that we may all see each other.

This is the last call, boys; get your railroad tickets now or stock the old "Chevy" with a full supply of gas and turn toward South Mountain.

Class of 1921

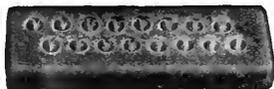
A. T. Wilson, Correspondent
1118 W. Market St., Bethlehem, Pa.

The following is the last "official" news until Fall, as the July issue will be given over to reunion news. Hence it behooves us to stage something in June which will cause us to be mentioned, favorably or otherwise. The summer interim will give your scribe some much-needed time to dig up some information as to what you birds are really doing. The responses to my appeal of last Fall sufficed to last all year, and, therefore, you may expect something of a similar order again. I will be glad to try to make any arrangements for you in June in connection with the alumni banquet or anything else. All that is necessary for you to do is to show up.

Harry Bailey has written me from his home at 225 Noble Ave., Crafton, Pittsburgh, Pa., to the effect that there is no news. But he goes on to say that H. C. III., now two years old, is in fine shape. Harry is with the F. J. Kriss Box Co., Pittsburgh. Here is something interesting for board bill dodgers such as myself. Harry says drop in on him and the wife any time. An item like that is always worth space, Biff.

Art Oehm wrote me immediately after being transferred to the Bell Tel. Laboratories in New York City, from Washington, and I noted his change of address, but nothing else. His move just prevented me from dropping in to see him in Silver Springs, Md., near where my wife was in the hospital last Summer. The arrival of a son, F. A. Jr., is reported as of June 22, 1928. This event was previously mentioned but did not get published for some reason or other. Please accept our apologies. Oehm wants some news of R. R. Thomas. Is he still in Newark? Write Oehm at 177 Washington St., Bloomfield, N. J.

Le Roy Christman crashes through with some real news in typewritten form on a very impressive letterhead—County Engineer, Berks County, 318 Ganster Bldg., 5th and Walnut Sts., Reading, Pa. The stationery sure made an "imprint" on me. Miss Dorothy Scholl, Penn State '23, daughter of Dr. C. R. Scholl, on Dec. 26, 1929, gave up, and married Roy in the Calvary Reformed Church, Reading. They honeymooned in Bermuda, and are now domiciled at 101 Endlich Ave., Mt. Penn. Reading, which is an improvement over Wommelsdorf, where Roy's mail had been going, regardless. He mentions seeing James E. Minnich, '18, who is Chief Engineer for Whittaker and Diehl, Harrisburg bridge builders. Incidentally this firm was given the bridge work near Lewisburg on a State highway being constructed by the White Contracting Co., Lebanon, of which firm R. L. Davis, '25, is president. F. H. Lodge, '23, is



CHILLED IRON WIRE DRAWING DIES

Grinding plates, sand blast nozzles, pug mill blades, liner plates, tube mill trumpets, rod and rolling mill guides, centrifugal pump liners, pipes for ash conveying systems, coal breaker troughs, etc. All made of "Trenite"; our hard, white, abrasion resisting iron, remarkable for its wearing capacity.

McFarland Foundry
and Machine Co.

TRENTON, N. J.

J. H. PENNINGTON, '97, Gen. Mgr.

also with Whittaker and Diehl. Septimus Knipe, '26, was on the Birdsboro bridge. Here is bad news. Christman says Harry Beggs, '07, who is assistant engineer for the City of Reading, living at 163 Douglass St., does not get Lehigh circulars or application blanks for tickets. This will be corrected at once, as he may not be receiving his bills either.

Pete Ferringa is in Fort McIntosh, Texas.

Had a free meal with Has Stelle and his wife in Scranton the other day, which was enjoyed very much. He married Marguerite Pattison on Jan. 21, 1928, and on Nov. 19, 1928, arrived Robert Pattison Stelle, hale and hearty. The real estate business is dormant, says Has, but may wake up.

Swede Larson was in town the other day. He is now vice-president of Jones and Larson, Steel Buildings, Maspeth, L. I., N. Y., living at 150-23 20th Ave., Whitestone, L. I. This looks like a trick house number, and may be wrong.

J. W. Pumphrey is Resident Engineer for Gilbert C. White Co., Box 562, Durham, N. C., living at 194 Montford Ave., Asheville.

Carl Schofer is now living at 1416 W. North St., Bethlehem, Pa.

I have a new address for Bill Whitmore—75 Maiden Lane, New York City.

See you at the Banquet.

Class of 1922

C. C. Strauch, Correspondent
154 E. Northampton St.,
Wilkes-Barre, Pa.

Here goes now for the last personal lists before the Reunion in June and also the last call for Alumni Dues.

'22 was a little bit shy on this last year so all of you "birds" who haven't paid your dues as yet, give us a boost and send your check in to Buck tonight.

Dave Green writes that he has just been elected a Director and Vice-President of the Motorists' Casualty Insurance Co. of Newark, N. J. Dave has promised to be on hand on Alumni Day so all you motorists beware of insurance.

C. F. Goldcamp is Metallurgical Engineer for the Jones & Laughlin Steel Corp. of Pittsburgh, Pa.

"Chippy" Drew has a home address at 1408 Grand Ave., Asbury Park, N. J.

Arty Herman is working at the Colonial Plant of the Van Alloys Steel Co., Monaca, Pa.

George Lorch is at 1 LaSalle St., Chicago, Ill.

Felder Israel has moved to the Hotel Waldo, Clarksburg, W. Va.

M. V. Jefferson is working for the Vacuum Oil Co. at 122 E. 42nd St., New York City.

Class of 1923

A. C. Cusick, Correspondent
62 E. Market St., Bethlehem, Pa.

Dr. S. Lawrence Kaman has opened his office at 225 West 106th St., New York City. Certainly wish you lots of success, Doc, and the people in your neighborhood had health. Glad to know where your office is, for I have had a few headaches in New York. Good luck, Doc.

Duquesne Slag Products Co.

BLAST FURNACE SLAG

CRUSHED, SCREENED AND SIZED FOR ALL PURPOSES

PRESSED SLAG BRICK

FOR ALL BUILDING PURPOSES

BITUMINOUS CONCRETE

PAVING MIXTURE

Plants at

| | | |
|------------------|-----------------|----------------|
| PITTSBURGH, PA. | DUQUESNE, PA. | POTTSTOWN, PA. |
| COATESVILLE, PA. | CATASAUQUA, PA. | EASTON, PA. |
| BIRDSBORO, PA. | TOPTON, PA. | |

Main Office

Diamond Bank Bldg., Pittsburgh, Pa.

Eastern Sales Office

425 Commercial Trust Bldg., Philadelphia, Pa.

With the Company

| | | |
|---------------------|--------------------|---------------------|
| C. L. McKENZIE, '93 | C. C. BURGESS, '95 | R. W. RICHARDS, '27 |
|---------------------|--------------------|---------------------|

FLECK BROS. Co.

Manufacturers and Dealers in

PLUMBING and HEATING SUPPLIES

PIPE

VALVES

FITTINGS

GENERAL OFFICES AND DISPLAY ROOMS

50 N. 5TH ST.
1645 N. AMERICAN ST.
5106 GERMANTOWN AVE.
AGATE AND WESTMORE-
LAND STS.

PHILADELPHIA, PA.

BRANCHES

Allentown, Pa.
Atlantic City, N. J.
Baltimore, Md.
Bryn Mawr, Pa.
Camden, N. J.
Easton, Pa.
Lancaster, Pa.
Lansdale, Pa.
Macungie, Pa.
Newport News, Va.
Norfolk, Va.
Phoenixville, Pa.
Pottstown, Pa.
Pottsville, Pa.
Reading, Pa.
Stroudsburg, Pa.
Warren, Pa.
Williamsport, Pa.
Williamstown, N. J.

SINCE



1888

JOHN G. FLECK, '90
Vice-Pres. and Gen. Mgr.

G. B. LA PISH, '19
Pur. Agent Reading Branch

ANTHRACITE and BITUMINOUS COAL



| | |
|---------------------|--------------------|
| ALAN C. DODSON, '00 | G. R. RADFORD, '84 |
| T. M. DODSON, '00 | C. S. KENNEY, '10 |
| H. B. TINGES, '12 | R. A. HARRIER, '27 |

GENERAL OFFICES, BETHLEHEM, PA.

Thanks very kindly, Vic, for your good wishes.

Had a long letter from Allen Huggins, who is located at 45 Silver St., Dover, New Hampshire. Allen is married and had a son, George, on August 3. Do you fellows remember old Joe Solt, the Math. Prof.? No, this fellow did wear a clean collar and is now a Math. professor at N. H. State at Durham. Allen meets all the retired professors. He also met Barry McNutt at Gloucester, Mass. Any of you fellows touring New Hampshire this summer should look up Allen in Dover. It is a nice quiet town about the size of Butztown and a great place for antiques.

Ed. Coxie is district Engineer for the General Cable Co., of Pittsburgh. Ed. is staying in condition rolling cable reels around Pittsburgh. Who have you thrown lately, Ed.?

S. C. Nevins is living at 926 Buchanan Ave., Lancaster, Pa.

Tom Ganey is with G. C. Murphy Company in Washington, D. C., and is living at the Racquet Club, Washington, D. C. Hope more of the crowd from the New Merchants learn of your address, Tom, for if they do, you will surely go on the "Pan".

R. H. Tilghman is with the Int. Cont. Engr. Corp., 200 Madison Ave., N. Y. C. How is your red hair these days, Tilghman?

Johnny Lees is with Truscon Steel Co., and is living at 6945 Cornell St., Chicago, Ill. Are you still able to pitch a ball game or have they got you playing second base?

Ed. Snyder is living at 71 Luddington Road, West Orange, N. J. Every time I think of Ed. it reminds me that our class owes him money. I'll get after Frank Leister, Ed., and I'm sure that he will send you a check.

Charlie Knodel is living at 4 Maple Terrace, Charlestown, W. Va. Charlie, I never thought you would leave Allentown, and to learn that you are in West Virginia, too far from home. Charlie, quit your job and come home once.

Shorty Wuethrich is with Grasselli Chemical Co., Inc., at 256 Vanderpool St., Newark, N. J.

Don't forget Alumni Week—and which, by the way, is our seventh out of college. It would certainly be great to see a large crowd of '23 back this June. If enough come back, we'll stage a party and have Fred Trafford, Superintendent of Police, as our guest.

Class of 1924

Warren W. York, Correspondent
228 N. Main Street,
Allentown, Pa.

Fellows, this is the last class letter of the year, and if you haven't broken into this column at least once, you're not thinking to promote the spirit of Lehigh in the class of 1924. Most of us only get married once, and not all of us have children to boast about, but the class will be glad to hear of some anything you do—whether it's a change in position, a boost in salary, a broken bone, or what have you? Make up your mind not to let a year pass without sending some word to the Alumni office or to your class correspondent.

You can do but one better thing, and that is to return to Lehigh for Alumni Pay. Think of the privilege and the

Bethlehem Foundry & Machine Company

GENERAL FOUNDERS

and

MACHINISTS

BETHLEHEM, PENNA.

W. A. WILBUR, Hon. '20
Chairman of the Board

J. GEORGE LEHMAN, '96
President

I. E. KRAUSE,
Secretary

J. HOWARD VANSICVER
1st Vice-President

G. ERNEST FINCK,
Treasurer

pleasure to see the progress of Lehigh, and to renew our class friendships. A splendid program is arranged for us this year. Let's be there and enjoy it!

As I'm vacating the office of class correspondent at the end of the year, I wish to express my appreciation for all cooperation received. "Bucky" is especially pleased with the return of class dues, and hopes any remaining arrears will be forwarded during June. Let's make it a hundred per cent this year.

Here you are—eight pounds and two ounces of beauty—a girl baby born to Mr. and Mrs. J. C. Kitchen, April 10th. This is the second girl—no Lehigh material yet. Kitchen lives down in Jersey, South River, and is a production supervisor with the du Pont-Pathé Film Manufacturing Company.

And still another, "Al" Johnson, writes of a visit from the stork on Jan. 6th, and a budding youth, Alfred William, Jr. "Al" is with Roller-Smith in Philadelphia and lives in Drexel Hill.

Have to hasten on to the marriage column, as I have some advance dope. John Shigo, Jr., will be married May 17th in Greenwich, Conn. We wish happiness to Miss Camille Seiler.

Our friend, Bill Springsteen, went through all New York City for a touchdown, when he married Miss Mary Bicknell, of Detroit, at the Little Church Around the Corner on Easter Tuesday. The wedding was a deep secret until an enterprising Allentown newspaper picked up the story. Let's also wish Bill lots of luck as Austy's assistant coach of football for next year.

Some more information sent in by the post office and general sources. E. T. (Ed.) Adams is now located at 87 Hawthorne Ave., Crafton, Penna. R. C. Benner is in Gordonville, Pa., and P. F. Campbell is at 55 Laurel St., Philadelphia, Pa.

From the Alumni office we hear G. Bogart Blakely is a New York representative of the White Truck Company and lives at 114 East 84th St., New York. Also that George Cornelius is now with the Pittsburgh Screw and Bolt Corp., in Monaca, Pa.

"Sherm" Britt was in Bethlehem house party week-end. He flashed a card embellished with "Attorney-at-Law". Therm. has plenty of "bar" experience already.

Sam Craft and Walter Andrews are with the Irvington Varnish and Insulator Co., Irvington, N. J.

Another good man tied with a marriage knot. I hear E. K. Thompson married Dorris S. Easton, of Fall River, Mass., on Feb. 20th. After a wedding trip to the West Indies, "Tommy" settled at 4403 Centre Ave., Pittsburgh. He is an Industrial Sales Engineer with Thompson and Co., in the Pittsburgh district.

Class of 1926

*John W. Maxwell, Correspondent
Lehigh University, Bethlehem, Pa.*

We aren't supposed to have a reunion this year, but judging from sentiments received from several members of the class, there won't be any scarcity of '26 men around the campus on Alumni Day this year, which is Saturday, June 7. So if you were thinking about coming back, you won't be lonesome by any means.



E. T. MURPHY, '01
Vice-President
W. A. BORNEMANN, '17
Sales
W. H. CARTER, '17
Research
S. P. EAGLETON, '26
Sales
A. W. CANNEY, '27
Sales
J. H. CRAWFORD, JR., '29
Student Engineer

SALES OFFICES

| | |
|--------------|-------------|
| New York | Detroit |
| Philadelphia | Washington |
| Boston | Kansas City |
| Chicago | Dallas |
| Cleveland | Los Angeles |

Air Conditioning

Designs and installation of equipment to create and control automatically any desired conditions of Humidity, Temperature and Air Movement within buildings. Cooling and Dehumidification by Carrier Centrifugal Refrigeration.

Drying and Processing

Automatically controlled equipment for air drying, moistening and processing of manufactured and raw materials.

Specific Information on Request

Carrier Engineering Corporation

*Offices and Laboratories
NEWARK, NEW JERSEY*

CHARLES McGONIGLE, '01

OTHO POOLE

POOLE & McGONIGLE

ENGINEERS AND MANUFACTURERS

STRUCTURAL STEEL FOR BRIDGES, BUILDINGS, ETC.

PORTLAND - - - OREGON

POOLE-DEAN COMPANY

Incorporated 1911

STEEL CONTRACTORS

ERECTORS OF BRIDGES AND BUILDINGS

PORTLAND - - - OREGON

OTHO POOLE

CHARLES McGONIGLE, '01

AUTOMATIC SPRINKLER SYSTEMS

The automatic sprinkler is recognized as the greatest of fire retarding devices. We plan, sell, and finance sprinkler equipments and our ten-year insurance plan, which provides for all necessary fire retarding devices at a lower annual premium than you are now paying for insurance alone, is very attractive.



W. M. Goodwin, Inc.

WILBUR TRUST BUILDING
BETHLEHEM, PA.

Phone 3547

WE PLACE ALL LINES OF INSURANCE, ANYWHERE.

NEW YORK SEWAGE DISPOSAL COMPANY

5621 GRAND CENTRAL TERMINAL, NEW YORK

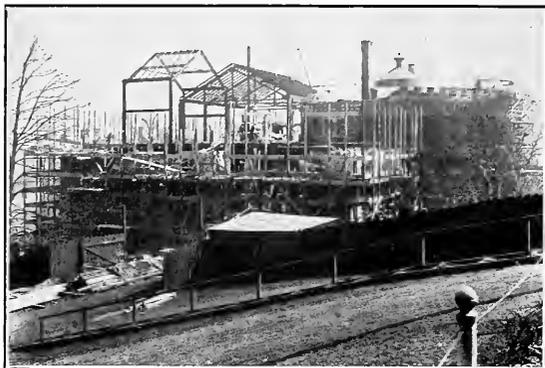
Engineers and Contractors

GEO. L. ROBINSON, '00, Pres.
BEN. E. COLE, '13, Secy.-Treas.

SAMUEL T. MITMAN, '19, Engineer
H. S. HUTCHINSON, '18, Engineer
W. T. DOBSON, '10, Supt. of Const.

BETHLEHEM FABRICATORS, INC.

OFFICE AND WORKS . BETHLEHEM, PA.
WORKERS IN STRUCTURAL STEEL



New Lehigh Library.

DISTRICT OFFICES: NEW YORK, 21 Union Square.
PHILADELPHIA, 1500 Walnut St.

AGENTS

| | | | |
|---------------|----------------|-----------------|-------------------|
| ALBANY, N. Y. | BALTIMORE, MD. | DALLAS, TEX. | NEW ORLEANS, LA. |
| ALTOONA, PA. | CLEVELAND, O. | HARTFORD, CONN. | HAZLETON, PA. |
| ATLANTA, GA. | | | WASHINGTON, D. C. |

| | | |
|---------------------------------|-----------------------------|-----------------------|
| R. P. Hutchinson, Pres., '04 | A. C. Dodson, Director, '00 | F. S. Lubrecht, '13 |
| R. S. Taylor, 2nd V. Pres., '95 | J. A. Frick, Director, '03 | G. M. Overfield, '14 |
| W. A. Wilbur, Direc., '20 Hon. | John Traeger, '03 | S. B. Hutchinson, '25 |

One of the Sigma Chi's was in the office the other day and was quite sure that Vint. Rathbone was married recently. He didn't know the girl's name nor any of the other details and no information has been received from Vint. at this writing, but there isn't much doubt about the truth of the matter.

The largest number of sub-freshmen in history were on the campus on May 3, and among those who helped swell the crowd by bringing prospective students were Frank Kear and Phil Shaheen. Frank brought two young fellows all the way up from Baltimore or somewhere in that vicinity, where he is with the Army, working on radio installations in tanks, etc. Phil brought a younger brother back, who hopes to uphold the fair name of Shaheen at Lehigh. The boy has a real task confronting him.

Another '26 man got married lately in the person of Ed. Andrew, who has settled down in Bethlehem with the Steel Company and married a girl from town.

Jim Bigley is preparing to follow suit as far as marrying a Bethlehem girl is concerned, some time in the near future. His engagement to Marcella Rowan, of 703 Seventh Ave., was announced the other day.

You may have noticed the account of the death of Bob March on one of the preceding pages. Bob died rather suddenly from septic poisoning, induced by sinus. Lloyd Dancy and Malcolm Gordon, of our class, and Krazinski, '25, were at the funeral, which was held in Passaic, N. J. The class sent a wreath of flowers and a nice note of appreciation was received from his mother, who is a widow.

Every now and then Andy Ouss turns up at some new place. His latest location is with the Foster Wheeler Corporation at 165 Broadway, New York.

Sam Mastriani writes in that the state board for the registration of professional engineers has approved his application for registration, making him a fully qualified registered engineer. Apparently he stands in good with the political powers at Dunmore, which is near Scranton, because he was recently appointed assistant engineer for that borough by the council there. This work is in addition to his regular job as engineer and estimator for a contracting firm.

Class of 1927

M. W. Van Billiard, Correspondent
341 W. 4th St., Bethlehem, Pa.

This news will no longer be news by the time the BULLETIN reaches the various members of the class, for, judging by the letters received, practically the entire class will be present at the Alumni Day celebration, to take place on June 7th. And it's a foregone fact that far more dirt about the doins and goins-on of the class members will be spilt in that one day of reunion than we could find room to publish in a month of Sundays. If you haven't made arrangements to attend the reunion, better start now and be with the crowd.

E. H. Spillman sent a newsy letter in which he informs us that about eight months ago he joined hands with the J. A. Roebling's Sons Co., in the capacity of metallurgical engineer. Although working in both company plants at Roebling and Trenton, N. J., he is living at 82 Riverside Avenue, Roebling.



SPECIALISTS

IN

Design and Construction

AUBREY WEYMOUTH, '94
Chief Engineer

An engineer in the true sense of the word is our friend, Bill Littell, who for some time has been engineer in charge of the construction of the Folges Shakespearean Library at Washington, D. C. Forry Phillips is back with us in old Bethlehem, residing at the present time at 253 East Broad Street.

We have hired an extra file clerk to take care of the peregrinations of several who insist on moving no sooner than we feret them out. Charlie McCombs, who doesn't travel far but moves often, is now located with Oppenheimer & Co., 74 Trinity Place, New York. His residence is at 61 South Munn Ave., East Orange, N. J., and he probably takes his meals in Bloomfield. Just as we were going to press we heard of the emigration of Paul Siuwell to some one-horse town in Virginia, where he has taken charge of the mines. It was too late to learn his address, so does any one know of any mines in Virginia? No, we do not mean gold-diggers. Anyway, congrats, Paul.

Mitch VanBilliard has announced his coming marriage to Miss Elsa Hausman, of Allentown, to take place in that city on June 25th. Erich Zimmerman has temporarily arranged a new address at 89 Aycrigg Ave., Passaic, N. J. The address sounds as if his letters would have foreign stamps covering them. Carl Norbeck is now located at 849 Front Ave., Buffalo, N. Y., while Dick DeGray and family have moved to 5 Crestline Ave., Bethlehem, Pa. Dick, incidentally, has been promoted by the faculty of our dear old Alma Mater from assistant instructor to instructor.

All the LEHIGH NEWS First

Lehigh Beats Lafayette!
Wrestling Team Completes Successful Season!
Lehigh Alumni Clubs Greet Sub-Frosh!
100 Attend First Gridiron Banquet!
Alumni Library Dedicated April 25!
For Accurate Accounts of the Activities of LEHIGH on the Campus and Athletic Field, Read the

BROWN AND WHITE

Published semi-weekly by Lehigh men for Lehigh men

CLIP OUT AND MAIL TO-DAY

Business Manager,
"Brown and White",
Bethlehem, Pa.

Dear Sir: I enclose my check for \$2.50 for one year's subscription to Volume 38, beginning September, 1930, to June, 1931.

Name..... Class

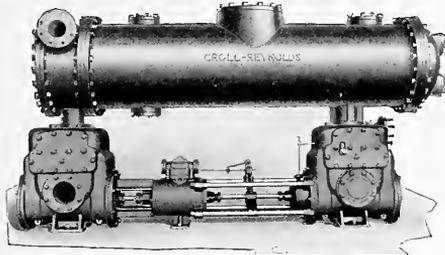
Address

City..... State.....

CROLL-REYNOLDS

SURFACE CONDENSERS

Croll-Reynolds Surface Condensers are built for either high or low vacuum service, and are equipped with high vacuum "Evactor" steam jet air pumps, or low vacuum combined air and circulating pumps. We specialize in the design and manufacture of small and medium-sized surface condensers, and are prepared to furnish condensing equipments complete with all necessary auxiliaries.



Croll-Reynolds Low Vacuum Type Surface Condenser mounted over combined air and circulating pump for marine installation.

PRODUCTS

- Include:
- Feed Water Heaters
- Surface Condensers
- Evaporators
- Heat Exchangers
- Air & Gas Coolers
- "Evactor" Steam Jet Air Pumps and Thermo-Compressors

CROLL-REYNOLDS ENGINEERING CO., 17 JOHN STREET, NEW YORK CITY

S. W. CROLL, '10, President

- BOSTON—Hayes Pump and Machinery Company, 94 Pearl St.
- LOS ANGELES—G. M. Kohler, 1013 E. 8th St.
- CHICAGO—Ernest E. Lee Company, Inc., 115 So. Dearborn St.
- PHILADELPHIA—O. S. Carter, 127 South Broad St.
- CINCINNATI—The Dennis Engineering Co., 1420 Union Trust Bldg.
- PITTSBURGH—Arch Machinery Co., 1001 Park Bldg.
- CLEVELAND—The Craun Liebing Co., 30 Euclid Arcade Annex.
- ST. LOUIS—A. T. Hunter, 2083 Railway Exchange Bldg.
- COLUMBUS—The Dennis Engineering Co., 243 North High St.
- DETROIT—Marchant Power Equipment Company, 645 Book Bldg.
- TACOMA, WASH.—The Technical Engineering Co., 1019 Washington Bldg.
- HOUSTON—The H. L. Thompson Company, 404 Avondale.

Here's some bad news. A number of the gang had to lose themselves and the Alumni office is sending out distress signals. Anyone know anything about Nat Tyler, J. B. Schroefel, F. A. Leach and A. H. Phillips? Also, although not yet given up for "lost," we are in doubt about this address for Johnny Croxton, 1843 East 89th St., Cleveland, Ohio.

Johnny Metz led us a merry chase until we pounced upon his trail in the general vicinity of Philly. Now get this and get it right. He is employed by the General Electric Co., 6901 Elmwood Ave., Philadelphia, but is residing at 4522 Osage Ave., that city. His mail, however, should be sent c/o Mrs. John Metz, Osage Manor, Philadelphia, Pa. Where do you have your bills sent, Johnny?

By means of a tracer we located Bud Nutting with the Hercules Powder Co., at Duluth, Minn. He is receiving his mail at P. O. Box 204, Ironwood, Mich. Sure savors of the sticks, Bud. H. A. Brown is with the Bethlehem Steel Co., at Lebanon, Pa., his address being 301 South 10th St., according to the last information we received.

We received so many requests for addresses from various sources that in order to conserve space we'll publish them in one long stream. Here they come, so pick yours: J. K. Goundie is living at 1426 Walnut St., Allentown, Pa.; H. L. Henke, 123 Negley Ave., East Liberty, Pa.; Irving Broads, 249 Valentine Lane, Yonkers, N. Y.; C. W. Bowler, "The Plymouth", 89 Henry St., Brooklyn, N. Y.; C. E. Brown, 55 Van-Dyke St., Boston, Mass.

Rudy Bush is residing at 2116 West Venango St., Philadelphia, Pa.; J. H. Farrell, Jr., Sales Dept., Hudson Coal Co., Scranton, Pa.; G. F. Kennedy, 110 East Ridge St., Lansford, Pa.; H. B. Russell, 950 West 4th St., Williamsport, Pa.; P. G. Strohl, 739 Seventh Ave., Coraopolis, Pa.; J. A. Schaffer, 501 Lafayette Bldg., Philadelphia, Pa.; Ed. Lake, 182 High St., Perth Amboy, N. J.

Class of 1928

W. B. Billmeyer, Correspondent
89-25 Parsons Blvd., Jamaica, N. Y.

This being the last issue of the *BULLETIN* before Alumni Day, June 7, let me again remind you that the class of '28 wants to have a banner turnout. Remember, gang, some of us haven't seen each other since graduation and there is no better time for renewing old acquaintances than that grand and glorious day that all the Alumni look forward to—June 7th. Don't forget the date!

Looks as though Dave Miralía is craving excitement to the nth degree, because from latest reports we find him living in Chicago at the Lake Shore Athletic Club. Dave is working for Halsey-Stuart Co., located on LaSalle St., Chicago, Ill.

Sam Case is still in the wilds of Central America, working for the United Fruit Co., in the engineering department. His address is Tel. R. R. Co., Tela, Honduras, Central America.

It seems only natural that some member of the class should be working on the site of the famous egg battle—the Hotel Allen. W. S. Heil is employed there as Assistant Manager. It's possible deductions are made from his salary each week to compensate the hotel for the damages on that eventful night!! However, we hope this is not the case.

W. S. Bailey is an Asst. Prof. in the Mechanical Engineering Department at the University of Maryland. His address is Wellesley Ave., College Park, Md.

ESTABLISHED 1857

INCORPORATED 1906

T. B. WOOD'S SONS COMPANY

CHAMBERSBURG, PA.

Power Transmission Machinery
Flexible Couplings
Belt Conveyors
and the
U. G. Automatic Belt Contactor
for Short Center Belt Drives

CHAS. O. WOOD, '92

T. B. WOOD, '98

G. H. WOOD, '99

Established 1834

Incorporated 1902

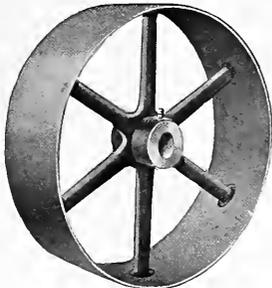
Christiana Machine Company

CHRISTIANA, PA.

ENGINEERS, FOUNDERS
AND MACHINISTS

Manufacturers of

Cut Tooth Gears, Cast Tooth
Gears, Mortise Gears, Pinions and
Cogs, C. M. C. Hydraulic Turbines
Special Machinery
Pulleys — Sprockets



Louis B. Bond, '26, Mgr.

Charles R. Stauffer, '28

Donald Wernitz, '27

JOHN HANCOCK SERIES

Have you bought
a real Home?

ONE of the fundamental ideas of a home is that it is a place where you can always return safe in time of trouble. If you have bought a house on a mortgage, and that mortgage is unprotected by life insurance against the loss of your income by your death, you have not yet provided a real home for your family.

Protect your mortgage now with a John Hancock policy.

John Hancock
LIFE INSURANCE COMPANY
OF BOSTON, MASSACHUSETTS

INQUIRY BUREAU,

197 CLARENDON ST., BOSTON, MASS.

Please send booklet,
"This Matter of Success"

Name

Address

City

Over Sixty-Seven Years in Business

WHITE BROTHERS SMELTING CORPORATION

SMELTERS AND REFINERS

Ingot Copper

Composition and Brass

Ingot Pig Lead

Antimonial Lead

Babbit

Solder

BUYERS OF SCRAP COPPER, SCRAP BRASS, BRASS RESIDUES,
AND ALL GRADES OF NON-FERROUS METALS

RICHMOND AND HEDLEY STREETS

PHILADELPHIA

HARRY A. WHITE, '95

CLARENCE B. WHITE, '05

Roebbling

"Blue Center" Steel Wire Rope

Because of its long life and dependability, Roebbling "Blue Center" Steel Wire Rope reduces replacements and thus lowers the operating cost.

There's a Roebbling Rope for Every Purpose

John A. Roebbling's Sons Company
Trenton, New Jersey



THE PHOENIX IRON CO.

Manufacturers of Open Hearth

STRUCTURAL STEEL SHAPES

Works:
PHOENIXVILLE, PA.

Main Office:
PHILADELPHIA, PA.

OFFICES:

22 S. 15th Street, Philadelphia
30 Church Street, New York City

110 State St., Boston, Mass.
City Savings Bank Bldg., Albany, N. Y.

Munsey Building, Washington, D. C.

THE PHOENIX BRIDGE CO.

Engineers and Builders of

BRIDGES AND OTHER STRUCTURES OF STEEL

Bridge Works, PHOENIXVILLE, PA.

Established 1790

Capacity, 60,000 Tons per Annum

W. R. HALL, '02, ASST. ENGR., BRIDGE DEPT.
W. H. ELLIS, '09, ASST. ENGR., ERECTION DEPT.
W. E. STURGES, '10, RES. ENGR., WASHINGTON OFFICE

FORT PITT BRIDGE WORKS

OF PITTSBURGH, PA.

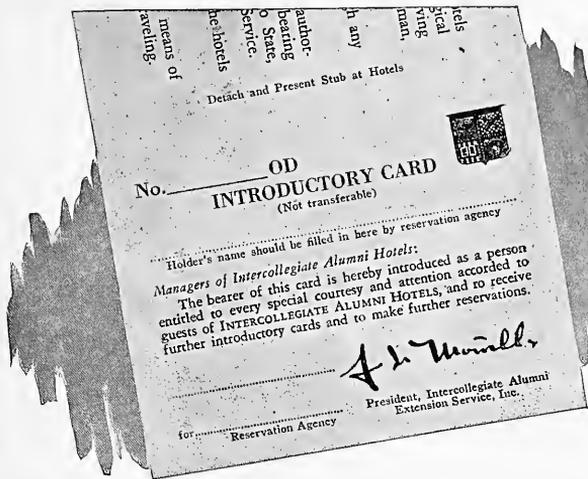
BRIDGES, BUILDINGS STRUCTURAL STEEL

General Office,
20th Floor, Oliver Building, Pittsburgh
New York Office, 15 Park Row
Chicago Office, Ashland Block
Cleveland Office, Bulkley Building
Purchasing Dept. and Works, Canonsburg

T. A. STRAUB, '90, President
H. R. BLICKLE, '93, Vice-President
SCHUYLER B. KNOX, '93, Manager N. Y. Office

P. B. STRAUB, '97, Secretary and Treasurer
A. SHELDON, '93, Asst. Chief Engineer
N. G. SMITH, '06, Engr. Contr. Dept.

D. B. STRAUB, '28, Drft. Dept.



*This
will
introduce!*

INTERCOLLEGIATE ALUMNI HOTELS

- Albany, N.Y., Hampton
- Amherst, Mass., Lord Jeffery
- Atlantic City, N.J., President
- Baltimore, Md., Southern
- Berkeley, Cal., Claremont
- Bethlehem, Pa., Bethlehem
- Boothbay Harbor, Maine
Sprucewold Lodge
- Boston, Mass., Bellevue
- Chicago, Ill., Allerton House
- Chicago, Ill., Blackstone
- Chicago, Ill., Windermere
- Cleveland, O., Allerton House
- Columbus, O., Neil House
- Detroit, Mich., Book-Cadillac
- Elizabeth, N.J., Winfield-Scott
- Fresno, Cal., Californian
- Greenfield, Mass., Weldon
- Jacksonville, Fla.,
George Washington
- Lexington, Ky., Phoenix
- Lincoln, Neb., Lincoln
- Miami, Fla., Ta-Miami
- Minneapolis, Minn., Nicollet
- New Brunswick, N.J.
Woodrow Wilson
- New Haven, Conn., Taft
- New York, N.Y.,
Fraternity Clubs Bldg.
- New York, N.Y., Warwick
- New York, N.Y., Westbury
- Oakland, Cal., Oakland
- Philadelphia, Pa.,
Benjamin Franklin
- Pittsburgh, Pa., Schenley
- Providence, R.I.,
Providence-Biltmore
- Rochester, N.Y., Powers
- San Diego, Cal., St. James
- San Francisco, Cal., Palace
- Scranton, Pa., Jermyn
- Spokane, Wash., Dessert
- Springfield, Ill., St. Nicholas
- St. Louis, Mo., New Jefferson
- Syracuse, N.Y., Syracuse
- Urbana, Ill., Urbana-Lincoln
- Washington, D.C., Willard
- Wilkes-Barre, Pa.,
Mallow-Sterling

If you travel to any extent you should have in your possession at all times an introduction card to the managers of Intercollegiate Alumni Hotels...It is yours for the asking...It assures courteous attention to your wants and an extra bit of consideration that frequently means much.

Your alumni association is participating in the Intercollegiate Alumni Hotel Plan and has a voice in its efforts and policies. At each alumni hotel is an index of resident alumni for your convenience in looking up friends when traveling. Other desirable features are included.

If you wish an introduction card to the managers of Intercollegiate Alumni Hotels, write to your Alumni Secretary or use the coupon.

INTERCOLLEGIATE ALUMNI EXTENSION SERVICE, INC.

369 LEXINGTON AVENUE, NEW YORK, N. Y.

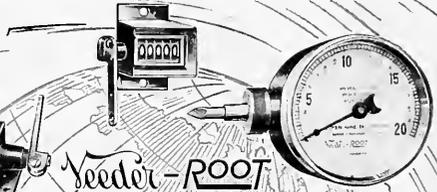
INTERCOLLEGIATE ALUMNI EXTENSION SERVICE, INC., 369 Lexington Ave., N. Y. C.

Kindly send me an Introduction Card to the managers of Intercollegiate Alumni Hotels.

Name.....College.....Year.....

Address.....

City.....State.....

Record-makers of  **the Industrial World**

Veeder-ROOT
COUNTERS
Count Everything
on
Earth

Builders of Counters for Every Purpose

WHAT do you need to count more rapidly, more cheaply, more accurately than ever before? Tell us, and we'll tell you about a Counter exactly suitable. VEEDER-ROOT has it for you.

NEW CATALOGUE shows Counters for every application in product-recording and speed-recording. To count automatically or by hand. Ask for copy




PROFESSIONAL CARDS

New York City 233 Broadway
FORSTALL, ROBISON AND LUQUEER
Consulting Engineers
Public Utility Problems
Alfred E. Forstall, '83
Robert O. Luqueer

St. Louis, Mo. 211 South Seventh St.
ROBERT W. BARRELL, '87
President
St. Louis Sampling & Testing Works, Inc.
Chemists, Metallurgists and Mining Engineers
All kinds of chemical analyses, investigations of chemical and metallurgical processes, examinations of mining properties.
40 years experience.

New York City 30 Church St.
Cortlandt 0824
WM. WIRT MILLS, '87
Sales Agent
Lowe Bros., The Paintmakers
Paints Varnishes Steel Coatings

New York City 15 Park Row
CLARENCE W. HUDSON, '89
Consulting Engineer
Designs, Supervision, Estimates,
Reports on All Classes of Structures

ALEXANDER POTTER, '90
Consulting Engineer
Hydraulics, Sanitation, Concrete Structures
50 Church St., Tel.: 5501 Cortlandt
New York City 8224 Cortlandt

Pittsburgh 1st National Bank Bldg.
GEORGE S. BATON & CO.
Consulting Engineers
Reports on Coal Properties
Geo. S. Baton, '94

New York City 51 East 42nd St.
VISSCHER & BURLEY
Architects
T. C. Visscher, '99 J. L. Burley, '94

New York City 256 Broadway
AMOS H. CLAUDER, C.E., '04
Attorney and Counsellor at Law
Real Estate Law and General Practice

STUART, JAMES & COOKE, Inc.
62 London Wall 17 Battery Place
London New York
Mining, Mechanical and
Electrical Engineers
J. H. Pierce, '10, Vice-President

PATENTS and TRADE MARKS
Spear, Middleton, Donaldson & Hall
Washington, D. C. Victor Bldg.
724-9th St.
Kenneth Donaldson, '24,
Associated with the Firm.

A GOOD PLACE
For Your
PROFESSIONAL CARD
Write for Rates

Lehigh's Best Advertisement is Her Alumni

The Curriculum in ELECTRICAL ENGINEERING AT LEHIGH



MAIN ELECTRICAL LABORATORY IN THE NEW JAMES WARD PACKARD, '84, BUILDING OF ELECTRICAL AND MECHANICAL ENGINEERING. THIS REPRESENTS THE VERY FINEST IN STUDENT LABORATORY FACILITIES.

THE electrical engineer is one who understands the science and art of utilizing electricity. He may design, manufacture, install and operate electrical machinery and appliances, manage plants and electric systems, or engage in the promotion of engineering projects.

THE demand for trained electrical engineers continues to grow faster than the supply. The graduate has a wide choice among the varied and increasing applications of electricity and promotion for the deserving is rapid.

LEHIGH'S curriculum in electrical engineering is designed to give broad education in those general and scientific subjects which underlie all the branches of engineering, and to give special training in those technical and business subjects which experience shows are most essential in the equipment of the electrical engineer. In seeking to accomplish this object special emphasis is placed on mastery of fundamental principles and thoroughness in the analysis of problems.

THIS curriculum includes a number of special studies in civil, mechanical and metallurgical engineering, so that the graduate in electrical engineering is prepared not only to enter any of the branches in that particular field, but also to deal with related problems in other branches of engineering. He is also given courses in the principles of accounting, economics, business law and industrial management in order to be familiar with the structure and operation of modern business.

For detailed information relative to this or any other curriculum at Lehigh, address the Registrar.

PASS YOUR "BULLETIN" ON TO SOME PROSPECTIVE LEHIGH MAN

BETHLEHEM STEEL COMPANY

PLANTS AT

Bethlehem, Lebanon, Steelton, Johnstown, and
Coatesville, Pa., Sparrows Point, Md.,
Wilmington, Del., Lackawanna, N. Y.

General Offices: BETHLEHEM, PA.

District Offices: New York, Boston, Philadelphia, Baltimore,
Washington, Atlanta, Pittsburgh, Buffalo, Cleveland,
Cincinnati, Detroit, Chicago, St. Louis.

Pacific Coast Distributor: Pacific Coast Steel Corporation,
San Francisco, Los Angeles, Portland, Seattle, Honolulu.

Export Distributor: Bethlehem Steel Export Corporation,
25 Broadway, New York City.

| | |
|-------------------|---------------------------------|
| E. G. GRACE, '99 | <i>President</i> |
| C. A. BUCK, '87 | <i>Vice-President</i> |
| QUINCY BENT | <i>Vice-President</i> |
| G. H. BLAKELEY | <i>Vice-President</i> |
| PAUL MACKALL, '07 | <i>Vice-President</i> |
| G. W. STRUBLE | <i>Vice-President</i> |
| J. M. GROSS | <i>Vice-President</i> |
| R. E. McMATH | <i>Vice-President and Sec'y</i> |
| J. P. BENDER | <i>Treasurer</i> |
| F. A. SHICK | <i>Comptroller</i> |